

In accordance with OSHA 29 CFR 1910.1200

STIX 2230  
Revision Number 4

Revision date 18-Nov-2024  
Supersedes date 08-Nov-2024

## 1. Identification

### 1.1. Product identifier

**Product Name** STIX 2230

#### Other means of identification

**Other information** 30855693, 30856409, 30855694, 30856030

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Adhesives  
**Restrictions on use** No information available

### 1.3. Details of the supplier of the safety data sheet

#### Responsible Party

Bostik Inc.  
198 Nexus Drive  
Dalton, GA 30721 USA  
Phone: +1(800) 367-4583 (Domestic Toll Free)  
Phone: +1 (706) 272-5800 (Local)

**E-mail** msds@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone** CHEMTREC (Chemical Transportation Emergency Center)  
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)  
Use reference CCN#833717.

**Rocky Mountain Poison Center:** 1-866-767-5089

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

#### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label elements

#### EMERGENCY OVERVIEW

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

**Appearance** Liquid                      **Physical state** Liquid                      **Odor** Characteristic

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## 2.3. Other Information

Causes mild skin irritation.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%
Feldspar	68476-25-5	1 - <5
Potassium hydroxide	1310-58-3	0.1 - <1
Quartz	14808-60-7	0.1 - <1
Sodium hydroxide	1310-73-2	0.1 - <1

*\*The exact percentage (concentration) of composition has been withheld as a trade secret*

## 4. First-aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, call a poison control center or physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Prolonged contact may cause redness and irritation.
<b>Effects of Exposure</b>	No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## 5. Fire-Fighting Measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the

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**Large Fire** surrounding environment.  
CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

## 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** No information available.

### Explosion data

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

## 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. Accidental Release Measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### 6.2. Environmental precautions

**Environmental precautions** Keep out of drains, sewers, ditches and waterways. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **7. Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep from freezing.



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**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

## **Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Use appropriate respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash hands and face before breaks and immediately after handling the product. Take off contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Liquid  
**Color** Blue  
**Odor** Characteristic  
**Odor threshold** No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	7.5 - 8.5	
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	> 100 °C / 212 °F	
<b>Evaporation rate</b>	No data available	None known
<b>Flammability</b>	No data available	
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Relative vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Insoluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known

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Dynamic viscosity	No data available	None known
<b>9.2. Other information</b>		
Explosive properties	No information available	
Oxidizing properties	No information available	
Solvent content (%)	No information available	
Solid content (%)	No information available	
Softening point	No information available	
Molecular weight	No information available	
VOC content	0 g/L	SCAQMD 1168/1113
Liquid Density	1.050 g/cm <sup>3</sup>	
Bulk density	No information available	

## 10. Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Chemical stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Keep from freezing. Do not freeze.

### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Carbon monoxide Carbon dioxide (CO<sub>2</sub>) Hydrocarbons

## 11. Toxicological information

### 11.1. Information on toxicological effects

Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin contact	Specific test data for the substance or mixture is not available. Causes mild skin irritation.
Ingestion	Based on available data, the classification criteria are not met.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Prolonged contact may cause redness and irritation.

### Acute toxicity

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## Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapor)	>20 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium hydroxide 1310-58-3	=333 mg/kg (Rattus)	-	-
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Sodium hydroxide 1310-73-2	=325 mg/kg (Rattus)	= 1350 mg/kg (Oryctolagus cuniculus)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes mild skin irritation.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other adverse effects** No information available.

**Interactive effects** No information available.

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## 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium hydroxide 1310-58-3	-	LC50: =80mg/L (96h, Gambusia affinis)	-	-
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

#### Component Information

Chemical name	Partition coefficient
Potassium hydroxide 1310-58-3	0.83

### 12.4. Mobility in soil

**Mobility** No information available.

#### Other adverse effects

**Other adverse effects** No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations.

## 14. Transport information

**Note:** Keep from freezing.

**DOT** Not regulated

**IATA** Not regulated



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**IMDG** Not regulated

## 15. Regulatory information

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Not Listed

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Complies** - The components of this product are either listed or exempt from listing on inventory. Active

**Not Listed** - One or more components of this product are not listed on inventory.

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CAS No.	SARA 313 - Threshold Values %
Feldspar	68476-25-5	1.0

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Sk\*

Skin designation

Revision date 18-Nov-2024

Revision Note SDS sections updated. 3. 9. 12.

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**End of Safety Data Sheet**

Esta hoja de datos de seguridad fue preparada de conformidad con los requisitos de:  
**NOM-018-STPS-2015**

**STIX 2230-MX**  
**Número de revisión 2**

**Fecha de revisión 08-nov.-2024**  
**Reemplaza la fecha 23-sep.-2023**

## SECCIÓN 1. Identificación de la sustancia química peligrosa o mezcla y del proveedor o fabricante:

### Identificador del producto

**Nombre del producto** STIX 2230 -MX

**Otros medios de identificación** 30627226

### Uso recomendado de la sustancia y restricciones de uso

**Uso recomendado** Adhesivos

**Restricciones de uso** No hay información disponible

### Datos del proveedor o fabricante

Dirección del fabricante

Bostik Inc.  
 198 Nexus Drive  
 Dalton Georgia 30721 USA  
 Phone: +1 (800) 367-4583 (Domestic Toll Free)  
 Phone: +1 (706) 272-5800 (Local)  
 Fax: +1 (706) 272-5801

### Distributor

**Bostik Mexicana S.A. de C.V.**  
 Esfuerzo Nacional 2  
 Alce Blanco  
 53770 Naucalpan de Juarez, Mexico  
 Phone: +52 (55) 2122 7250  
 Fax: +52 (55) 5358 2215

Correo electrónico [msds@bostik.com](mailto:msds@bostik.com)

### Número de teléfono en caso de emergencia

CHEMTREC (Centro para Emergencias en Transporte de Sustancias Químicas) -  
 Chemtrec: 800-681-9531 (Mexico)  
 Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)  
 Utilice el número de referencia # CCN 833717

**Rocky Mountain Poison Center:** 1-866-767-5089

## SECCIÓN 2. Identificación de los peligros:

### Clasificación

Corrosión/irritación cutánea

Categoría 3 - (H316)

### Elementos de la etiqueta del SGA

#### Atención

#### Indicaciones de peligro

H316 - Provoca una leve irritación cutánea

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## Consejos de prudencia - Respuesta

### Piel

P332 + P313 - En caso de irritación cutánea, consultar a un médico

### Otra información

Nocivo para los organismos acuáticos, con efectos nocivos duraderos. Tóxico para los organismos acuáticos.

## 3. Composición/información sobre los componentes

### Sustancia

No aplicable.

### Mezcla

Nombre de la sustancia	Número CAS	% en peso
Potassium hydroxide	1310-58-3	0.1 - <1
Quartz	14808-60-7	0.1 - <1
Sodium hydroxide	1310-73-2	0.1 - <1

\*El porcentaje exacto (concentración) de la composición se mantiene como secreto comercial.

## SECCIÓN 4. Primeros auxilios:

### Descripción de los primeros auxilios

<b>Inhalación</b>	Trasladar al aire libre. Si los síntomas persisten, consultar a un médico.
<b>Contacto con los ojos</b>	Enjuagar inmediatamente con abundante agua, incluyendo debajo de los párpados, durante un mínimo de 15 minutos. Mantener los ojos bien abiertos durante el enjuague. No frotar el lugar afectado. Quitar los lentes de contacto, cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. Si la irritación ocular persiste, consultar a un médico.
<b>Contacto con la piel</b>	Lavar inmediatamente con abundante agua durante un mínimo de 15 minutos. En caso de irritación cutánea o reacciones alérgicas, consultar a un médico.
<b>Ingestión</b>	Lavar bien la boca con agua. No administrar nada por la boca a una persona inconsciente. No inducir el vómito sino es indicado por el médico. En caso de ingestión, llame de inmediato a un Centro de Toxicología o a un médico.

### Principales síntomas y efectos más importantes, agudos o crónicos

<b>Síntomas</b>	El contacto prolongado puede causar enrojecimiento e irritación.
<b>Effects of Exposure</b>	No hay información disponible.

### Indicación de la necesidad de recibir atención médica inmediata y, en su caso, de tratamiento especial

<b>Información para el médico</b>	Aplicar un tratamiento sintomático.
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## 5. Medidas contra incendios

<b>Medios de extinción apropiados</b>	Utilizar medidas de extinción adecuadas para las circunstancias locales y el medio ambiente.
<b>Medios de extinción no apropiados</b>	PRECAUCIÓN: El uso de agua pulverizada para la extinción del incendio puede ser ineficaz.
<b>Peligros específicos del producto químico</b>	No hay información disponible.
<b>Datos de explosión</b>	
<b>Sensibilidad al impacto mecánico</b>	Ninguno(a).
<b>Sensibilidad a las descargas estáticas</b>	Ninguno(a).
<b>Medidas especiales que deben tomar los equipos de lucha contra incendios</b>	El personal de lucha contra incendios debe usar aparato de respiración autónomo y traje completo de protección contra el fuego. Utilizar equipo de protección personal.

## 6. Medidas que deben tomarse en caso de derrame accidental o fuga accidental

### Precauciones personales, equipos de protección y procedimientos de emergencia

<b>Precauciones personales</b>	Utilizar un equipo de protección individual según corresponda. Evitar respirar polvos / humos / gases / nieblas / vapores / aerosoles. Garantizar una ventilación adecuada. Detener la fuga si puede hacerse sin riesgo.
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### Precauciones relativas al medio ambiente

<b>Precauciones relativas al medio ambiente</b>	Evitar que penetre en las vías fluviales, las alcantarillas, los sótanos o las áreas confinadas. Véase la Sección 12 para ver la Información Ecológica adicional.
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### Métodos y materiales para la contención y limpieza de derrames o fugas

<b>Métodos de contención</b>	Detener la fuga si puede hacerse sin riesgo. Construir un dique por delante y alejado del vertido de líquido para la posterior eliminación del material.
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<b>Métodos de limpieza</b>	Utilizar un equipo de protección individual según corresponda. Hacer un dique de contención. Recoger y transferir a recipientes debidamente etiquetados. Limpiar bien la superficie contaminada.
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**Prevención de peligros secundarios** Limpie bien las zonas y los objetos contaminados según las reglamentaciones ambientales.

## SECCIÓN 7. Manejo y almacenamiento:

### Precauciones que se deben tomar para garantizar un manejo seguro

<b>Recomendaciones para la manipulación segura</b>	Utilizar equipo de protección personal. Manipular de acuerdo con las buenas prácticas de higiene y seguridad industrial. No comer, beber o fumar mientras se manipula este producto. Evitar el contacto con la piel, los ojos o la ropa. Lavar bien después de la manipulación. Quitar la ropa contaminada y lavarla antes de volverla a usar.
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## Condiciones de almacenamiento seguro, incluida cualquier incompatibilidad

**Condiciones de almacenamiento** Evitar la congelación. Almacenar de acuerdo con las regulaciones locales. Almacenar conforme a la reglamentación local específica.

**Temperatura de almacenamiento recomendada** No congelar. Mantener a temperaturas entre 5 - 35 °C.

## **SECCIÓN 8. Controles de exposición/protección personal:**

### Parámetros de control

**Límites de exposición** Este producto contiene sustancias las cuales se presentan en estado en polvo, sin embargo en este producto ellas se encuentran en forma no respirable. La inhalación del partículas de polvo es difícil de ocurrir por exposición a este producto. NOM-010-STPS-2014.

Nombre de la sustancia	VLE-PPT	VLE-CT	VLE-P
Potassium hydroxide 1310-58-3	-	-	2 mg/m <sup>3</sup>
Quartz 14808-60-7	0.025 mg/m <sup>3</sup>	-	-
Sodium hydroxide 1310-73-2	-	-	2 mg/m <sup>3</sup>

### Controles técnicos apropiados

**Controles de ingeniería** Duchas, estación de lavado ocular y sistemas de ventilación.

### Medidas de protección individual, tales como equipos de protección personal

**Protección de los ojos/la cara** Utilizar lentes o gafas de seguridad con protección lateral. Evítese el contacto con los ojos.

**Protección de las manos** Use guantes resistentes a químicos adecuados. La elección de guantes adecuados no depende únicamente del material, sino también de otras marcas de calidad y el de varios fabricantes.

**Protección de la piel y el cuerpo** Úsese indumentaria protectora adecuada.

**Protección respiratoria** Utilizar la protección respiratoria adecuada. Cuando los trabajadores están expuestos a concentraciones superiores a los límites de exposición deben utilizar respiradores certificados apropiados.

**Consideraciones generales sobre higiene** Úsense guantes adecuados y protección para los ojos/la cara. Manipular de acuerdo con las buenas prácticas de higiene y seguridad industrial. No comer, beber o fumar mientras se manipula este producto. Evitar el contacto con la piel, los ojos o la ropa. Evitar respirar polvos / humos / gases / nieblas / vapores / aerosoles. Lavar bien después de la manipulación. Quitar la ropa contaminada y lavarla antes de volverla a usar. Se recomienda la limpieza periódica de equipos, área y ropa de trabajo.

## **9. Propiedades físicas y químicas**

### Información sobre propiedades físicas y químicas básicas

**Estado físico** Líquido

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Aspecto	Líquido
Color	Azul
Olor	Característico
Umbral olfativo	No hay información disponible

<u>Propiedad</u>	<u>Valores</u>	<u>Observaciones • Método</u>
pH	7.5 - 8.5	
pH (como solución acuosa)	No hay datos disponibles	No se conocen
Punto de fusión / punto de congelación	No hay datos disponibles	No se conocen
Punto inicial de ebullición e intervalo de ebullición	100 °C / 212 °F	
Punto de inflamación	> 100 °C / 212 °F	
Tasa de evaporación	No hay datos disponibles	No se conocen
Inflamabilidad	No hay datos disponibles	
Límite de inflamabilidad en el aire		No se conocen
Límite superior de inflamabilidad o de explosividad	No hay datos disponibles	
Límite inferior de inflamabilidad o de explosividad	No hay datos disponibles	
Presión de vapor	No hay datos disponibles	No se conocen
Densidad relativa del vapor	No hay datos disponibles	No se conocen
Densidad relativa	No hay datos disponibles	No se conocen
Solubilidad en agua	Insoluble en agua	
Solubilidad en otros solventes	No hay datos disponibles	No se conocen
Coefficiente de reparto	No hay datos disponibles	No se conocen
Temperatura de autoinflamación	No hay datos disponibles	No se conocen
Temperatura de descomposición	No hay datos disponibles	No se conocen
Viscosidad cinemática	No hay datos disponibles	No se conocen
Viscosidad dinámica	No hay datos disponibles	
<u>Otra información</u>		
Contenido de sólidos (%)	No hay información disponible	
Contenido COV	0 g/L	No hay información disponible
Propiedades comburentes	No hay información disponible.	
Propiedades explosivas	No hay información disponible.	
Peso molecular	No hay información disponible	
Densidad	1.050 g/cm <sup>3</sup>	
Densidad aparente	No hay información disponible	

## SECCIÓN 10. Estabilidad y reactividad:

Reactividad No hay información disponible.

Estabilidad Estable en condiciones normales.

Posibilidad de reacciones peligrosas Ninguno durante el procesado normal.

Condiciones que deben evitarse No congelar.

Materiales incompatibles No se conocen de acuerdo con la información suministrada.

Productos de descomposición peligrosos Monóxido de carbono. Dióxido de carbono (CO<sub>2</sub>). Hidrocarburos.

## 11. Información toxicológica

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## Información sobre posibles vías de exposición

### Información del producto

<b>Inhalación</b>	No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.
<b>Contacto con los ojos</b>	No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.
<b>Contacto con la piel</b>	No existen datos específicos sobre ensayos con la sustancia o mezcla. Provoca una leve irritación cutánea.
<b>Ingestión</b>	No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

## Síntomas relacionados con las características físicas, químicas y toxicológicas

**Síntomas** El contacto prolongado puede causar enrojecimiento e irritación

## Toxicidad aguda

### Medidas numéricas de toxicidad

Los siguientes valores se calculan en función del capítulo 3.1 del documento del SGA

<b>Estimación de toxicidad aguda de la mezcla (ETAmixtura) (oral)</b>	>5000 mg/kg
<b>Estimación de toxicidad aguda de la mezcla (ETAmixtura) (cutáneo)</b>	>5000 mg/kg
<b>Estimación de toxicidad aguda de la mezcla (ETAmixtura) (inhalación, gas)</b>	>20000 mg/l
<b>Estimación de toxicidad aguda de la mezcla (ETAmixtura) (inhalación, polvo o vaporización)</b>	>5 mg/l
<b>Estimación de toxicidad aguda de la mezcla (ETAmixtura) (inhalación, vapor)</b>	>20 mg/l

## Información sobre los componentes

Nombre de la sustancia	DL50, oral	DL50, dérmica -	CL50, inhalación
Potassium hydroxide 1310-58-3	=333 mg/kg (Rattus)	-	-
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Sodium hydroxide 1310-73-2	=325 mg/kg (Rattus)	= 1350 mg/kg (Oryctolagus cuniculus)	-

## Efectos retardados e inmediatos, así como efectos crónicos producidos por una exposición a corto y largo plazo

**Corrosión/irritación cutánea** Clasificación basada en los datos disponibles para los componentes.

**Lesiones oculares graves/irritación** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.



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**Sensibilización respiratoria o cutánea** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

**Mutagenicidad en células germinales** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

**Carcinogenicidad** Este producto contiene sustancias las cuales se presentan en estado en polvo, sin embargo en este producto ellas se encuentran en forma no respirable. La inhalación de partículas de polvo es difícil de ocurrir por exposición a este producto.

Nombre de la sustancia	ACGIH	IARC	NTP	México
Quartz 14808-60-7	A2	Group 1	Known	A2

**Toxicidad para la reproducción** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

**STOT - exposición única** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

**STOT - exposición repetida** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

**Peligro de aspiración** No se cumplen los criterios de clasificación de acuerdo con los datos disponibles.

## 12. Información ecotoxicológica

**Ecotoxicidad** Tóxico para los organismos acuáticos. Nocivo para los organismos acuáticos, con efectos nocivos duraderos.

Nombre de la sustancia	Algas/plantas acuáticas	Peces	Toxicidad para los microorganismos	Crustáceos
Potassium hydroxide 1310-58-3	-	LC50: =80mg/L (96h, Gambusia affinis)	-	-
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

**Persistencia y degradabilidad** No hay información disponible.

### Información sobre los componentes

Nombre de la sustancia	Coefficiente de reparto
Potassium hydroxide 1310-58-3	0.83

**Otros efectos adversos** No hay información disponible.

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## 13. Información relativa a la eliminación de los productos

### Métodos de eliminación

**Residuos de desechos o productos no utilizados** Eliminar en conformidad con las reglamentaciones locales. Eliminar los residuos de acuerdo con la legislación ambiental.

**Embalaje contaminado** No volver a usar los recipientes vacíos.

## 14. Información relativa al transporte

**Nota - MEX** Evitar la congelación.  
No regulado

**Transporte a granel con arreglo al anexo II de MARPOL 73/789 y al Código IBC** No hay información disponible

**DOT** No regulado

**IATA** No regulado

**IMDG** No regulado

## 15. Información reglamentaria

### Disposiciones específicas sobre seguridad, salud y medio ambiente para el producto de que se trate

#### Regulaciones internacionales

**El Protocolo de Montreal sobre sustancias que agotan la capa de ozono** No aplicable

**El Convenio de Estocolmo sobre contaminantes orgánicos persistentes** No aplicable

**El Convenio de Róterdam**

#### Inventarios Internacionales

<b>TSCA</b>	Cumple/Es conforme con
<b>DSL</b>	no listado/no incluido

#### Leyenda:

**TSCA** - Estados Unidos - Ley del Control de Sustancias Tóxicas, Sección 8(b), Inventario

**DSL/NDSL** - Lista de Sustancias Nacionales y Lista de Sustancias no Nacionales de Canadá

**Listados** - Los componentes de este producto están listados o exentos del inventario

**No Listados** - Uno o más componentes de este producto no están listados en el inventario.

#### Inventarios globales

Contactar al proveedor respecto a la situación de cumplimiento del inventario

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## SECCIÓN 16. Otras informaciones incluidas las relativas a la preparación y actualización de las hojas de datos de seguridad:

### Código o leyenda de las abreviaturas y siglas utilizadas en la hoja de datos de seguridad

#### Leyenda

SEP: Sustancias extremadamente preocupantes para su autorización:  
PBT: Sustancias persistentes, bioacumulables y tóxicas (PBT)  
mPmB: Sustancias muy persistentes y muy bioacumulativas (mPmB)  
STOT: Toxicidad específica de órganos  
blanco  
ETA: Estimación de toxicidad aguda  
CL50: Concentración letal del 50%  
DL50: Dosis letal del 50%

#### Leyenda SECCIÓN 8: Controles de exposición/protección individual

VLE-PPT	Valor Límite de Exposición Promedio	VLE-CT	Valor Límite de Exposición de Corto Tiempo
	Ponderado en el Tiempo		
VLE-P	Valor Límite de Exposición Pico	Sk*	Efectos sobre la piel

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Nota de revisión Secciones actualizadas de la HDS. 3. 9. 12.

#### NOM-018-STPS-2015

Se cree que la información es precisa, pero no es exhaustiva y debe usarse solo como guía. Se basa en el estado actual de conocimiento de la sustancia química o mezcla y es aplicable a las precauciones de seguridad apropiadas para el producto.

#### Descargo de responsabilidad

Se considera que toda la información contenida en el presente documento es exacta a la fecha de publicación, se proporciona "tal cual" y está sujeta a cambios sin previo aviso. Esta no es una garantía, acuerdo o sustituto de asesoramiento experto o profesional. Bostik Inc. ("Empresa") renuncia expresamente y no asume ninguna responsabilidad por el uso de los productos o la confianza en esta información. Es responsabilidad exclusiva del usuario determinar la idoneidad de cualquier producto para las aplicaciones del usuario. **NO SE OFRECE NINGUNA GARANTÍA DE IDONEIDAD PARA NINGÚN FIN PARTICULAR NI NINGUNA OTRA GARANTÍA, EXPRESA O IMPLÍCITA (INCLUIDA LA IDONEIDAD PARA SU USO EN CUALQUIER DISPOSITIVO MÉDICO O APLICACIÓN MÉDICA), EN RELACIÓN CON LOS PRODUCTOS O LA INFORMACIÓN PROPORCIONADA EN EL PRESENTE DOCUMENTO.** La información que se proporciona se relaciona con los productos específicos que se designan en este documento y podría no ser válida cuando dicho producto se utilice en combinación con otros materiales o en cualquier proceso. El rendimiento del producto, su vida útil y las características de la aplicación dependen de muchas variables, y los cambios en estas variables pueden afectar al rendimiento del producto. Es responsable de probar la idoneidad de este producto antes de cualquier intención de uso o aplicación y antes de la comercialización. Nada de lo contenido en el presente documento se interpretará como una licencia para el uso de cualquier producto de manera que pueda infringir cualquier patente y no debe interpretarse como un incentivo para infringir alguna patente. Revise detenidamente la ficha de datos de seguridad del producto.

La Empresa se adhiere a una política estricta que se aplica al uso de cualquiera de sus productos en aplicaciones de dispositivos médicos. Esta política se puede encontrar en:

<https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-management/medical-device-policy/>, que se incorpora al presente documento como referencia y forma parte del mismo.

Excepto según lo expresamente autorizado, la Empresa i) ha designado composiciones específicas de grado médico para productos utilizados en aplicaciones de dispositivos médicos y no se autoriza el uso de los productos de la Empresa no designados para ello en aplicaciones de dispositivos médicos y ii) prohíbe estrictamente el uso de cualquiera de sus productos en aplicaciones de dispositivos médicos que se implantan en el cuerpo o que entran en contacto con fluidos o tejidos corporales más de 30 días. La Empresa no diseña, fabrica ni vende directamente ningún producto médico. La Empresa no diseña conjuntamente ni ofrece asistencia a ningún comprador de sus productos en su diseño, fabricación y/o venta de productos para dispositivos médicos. Es responsabilidad exclusiva del fabricante de los productos médicos

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determinar la idoneidad de todas las materias primas, productos y componentes, incluidos los productos de grado médico, con el fin de garantizar que el producto médico sea seguro para su uso final y cumpla todos los requisitos legales y normativos correspondientes y para realizar todas las pruebas e inspecciones necesarias.

**Fin de la Hoja de Datos de Seguridad**

# XLBrands® SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
NOM-018-STPS-2015

STIX 2230-MX  
Revision Number 3

Revision date 08-Nov-2024  
Supersedes date 06-Nov-2024

## 1. Identification

### Product identifier

Product Name STIX 2230-MX

Other means of identification 30627226

### Recommended use of the chemical and restrictions on use

Recommended use Adhesives

Restrictions on use No information available

### Details of the supplier of the safety data sheet

#### **Manufacturer Address**

Bostik Inc.  
198 Nexus Drive  
Dalton, GA 30721 USA  
Phone: +1 (800) 367-4583 (Domestic Toll Free)  
Phone: +1 (706) 272-5800  
E-mail msds@bostik.com

#### **Distributor**

**Bostik Mexicana S.A. de C.V.**  
Esfuerzo Nacional 2  
Alce Blanco  
53770 Naucalpan de Juarez, Mexico  
Phone: +52 (55) 2122 7250  
Fax: +52 (55) 5358 2215

### Emergency telephone number

**Emergency Telephone** CHEMTREC (Chemical Transportation Emergency Center)  
Chemtrec: 800-681-9531 (Mexico)  
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)  
Use reference #: CCN 833717

**Rocky Mountain Poison Center:** 1-866-767-5089

## 2. Hazard(s) identification

### Classification

Skin corrosion/irritation	Category 3 - (H316)
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### Label elements

#### **Warning**

#### **Hazard statements**

H316 - Causes mild skin irritation

### **Precautionary Statements - Response**

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## Skin

P332 + P313 - If skin irritation occurs: Get medical advice/attention

## Other information

Harmful to aquatic life with long lasting effects. Toxic to aquatic life.

## 3. Composition/information on Ingredients

### Substance

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%
Potassium hydroxide	1310-58-3	0.1 - <1
Quartz	14808-60-7	0.1 - <1
Sodium hydroxide	1310-73-2	0.1 - <1

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First-aid measures

### Description of first aid measures

#### Inhalation

Remove to fresh air. If symptoms persist, call a physician.

#### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Skin contact

Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.

#### Ingestion

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, call a poison control center or physician immediately.

### Most important symptoms and effects, both acute and delayed

#### Symptoms

Prolonged contact may cause redness and irritation.

#### Effects of Exposure

No information available.

### Indication of any immediate medical attention and special treatment needed

#### Note to physicians

Treat symptomatically.

## 5. Fire-Fighting Measures

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<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective actions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation. Stop leak if you can do it without risk.

### Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Stop leak if you can do it without risk. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep from freezing. Store in accordance with local regulations. Store in accordance with the particular national regulations.

**Recommended storage temperature** Do not freeze. Keep at temperatures between 41 and 95 °F / 5 and 35 °C.

## 8. Exposure controls/personal protection

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## Control parameters

### Exposure Limits

This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product. NOM-010-STPS-2014.

Chemical name	TWA	STEL	Ceiling Limit Value
Potassium hydroxide 1310-58-3	-	-	2 mg/m <sup>3</sup>
Quartz 14808-60-7	0.025 mg/m <sup>3</sup>	-	-
Sodium hydroxide 1310-73-2	-	-	2 mg/m <sup>3</sup>

## Appropriate engineering controls

**Engineering controls** Showers, eyewash stations, and ventilation systems.

## Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Use appropriate respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

**Physical state** Liquid  
**Appearance** Liquid  
**Color** Blue  
**Odor** Characteristic  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.5 - 8.5	
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	100 °C / 212 °F	
Flash point	> 100 °C / 212 °F	
Evaporation rate	No data available	None known
Flammability	No data available	
Flammability Limit in Air		None known
Upper flammability or explosive	No data available	



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<b>limits</b>		
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Relative vapor density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	

## Other information

<b>Solid content (%)</b>	No information available	
<b>VOC content</b>	0 g/L	No information available
<b>Oxidizing properties</b>	No information available.	
<b>Explosive properties</b>	No information available.	
<b>Molecular weight</b>	No information available	
<b>Density</b>	1.050 g/cm <sup>3</sup>	
<b>Bulk density</b>	No information available	

## 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Do not freeze.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous decomposition products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Hydrocarbons.

## 11. Toxicological Information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Based on available data, the classification criteria are not met.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Causes mild skin irritation.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Prolonged contact may cause redness and irritation
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### Acute toxicity

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## Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 mg/l
ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapor)	>20 mg/l

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium hydroxide 1310-58-3	=333 mg/kg (Rattus)	-	-
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Sodium hydroxide 1310-73-2	=325 mg/kg (Rattus)	= 1350 mg/kg (Oryctolagus cuniculus)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	ACGIH	IARC	NTP	Mexico
Quartz 14808-60-7	A2	Group 1	Known	A2

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

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## 12. Ecological Information

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium hydroxide 1310-58-3	-	LC50: =80mg/L (96h, Gambusia affinis)	-	-
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

**Persistence and degradability** No information available.

### Component Information

Chemical name	Partition coefficient
Potassium hydroxide 1310-58-3	0.83

**Other adverse effects** No information available.

## 13. Disposal Considerations

### Disposal methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## 14. Transportation information

**Note:** Keep from freezing.

**MEX** Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

### International Regulations

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The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention

## International Inventories

TSCA	Complies
DSL	Not Listed

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### Global Inventories

Contact supplier for inventory compliance status

## 16. Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Sk\*

Skin designation

Revision date 08-Nov-2024

Revision Note SDS sections updated. 3. 9. 12.

#### **NOM-018-STPS-2015**

The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

#### Disclaimer

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# SAFETY DATA SHEET

STIX 2230-MX  
Revision Number 3

Revision date 08-Nov-2024  
Supersedes date 06-Nov-2024

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(INCLUDING SUITABILITY FOR USE IN ANY MEDICAL DEVICE OR MEDICAL APPLICATION), IS MADE CONCERNING THE PRODUCTS OR THE INFORMATION PROVIDED HEREIN. The information provided relates only to the specific products designated herein and may not be valid where such products are used in combination with other materials or in any process. The performance of the product, its shelf life, and application characteristics depends on many variables, and changes in these variables can impact product performance. You are responsible to test the suitability of any product in advance for any intended use or application and before commercialization. Nothing herein shall be construed as a license for the use of any product in a manner that might infringe any patent and it should not be construed as an inducement to infringe any patent. Please carefully review the Safety Data Sheet for the product.

The Company adheres to a strict policy that applies to the use of any of its products in medical device applications. This policy can be found at <https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-management/medical-device-policy/> which is incorporated herein by reference and made a part hereof. Except as expressly authorized, the Company (i) has designated specific medical grade compositions for products used in medical device applications and Company products not so designated are not authorized for use in medical device applications and (ii) strictly prohibits the use of any of its products in medical device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. The Company does not design, manufacture and/or directly sell any medical devices. The Company does not co-design, or offer assistance to any purchaser of its products, in their design, manufacture and/or sale of products for medical devices. It is the sole responsibility of the manufacturer of medical devices to determine the suitability of all raw material, products and components, including any medical grade products, in order to ensure that the medical device is safe for end-use and complies with all applicable legal and regulatory requirements and to conduct all necessary tests and inspections.

**End of Safety Data Sheet**

STIX 2230-CA  
Numéro de révision 3Date de révision 08-nov.-2024  
Remplace la date 06-nov.-2024**1. Identification de la substance/de la préparation et de la société/l'entreprise****Identificateur de produit****Nom du produit** STIX 2230-CA**Autres moyens d'identification****Synonymes** 30625690, 30625147**Utilisation recommandée pour le produit chimique et restrictions en matière d'utilisation****Utilisation recommandée** Adhésifs**Restrictions d'utilisation** Aucun renseignement disponible**Données du fournisseur de la fiche de sécurité****Instance Responsable****Bostik Canada Limited**  
655 Alphonse-Deshaies Boulevard  
Becancour  
Quebec  
G9H 2Y8  
Canada  
Phone: +1 (514) 593-0418  
Fax: +1 (514) 593-0413  
Courriel msds@bostik.com**Adresse du fabricant****Bostik Inc.**  
198 Nexus Drive  
Dalton, Georgia 30721 USA  
Phone: +1 (800) 367-4583 (Domestic Toll Free)  
Phone: +1 (706) 272-5800**Numéro de téléphone à composer en cas d'urgence**CHEMTREC (Chemical Transportation Emergency Center)  
Chemtrec 1-800-424-9300 (US)  
1-703-527-3887 (Outside U.S.)  
Use reference#: CCN 833717  
**Rocky Mountain Poison Center:** 1-866-767-5089**2. Identification des dangers****Classification**

Ce produit n'est pas considéré dangereux en vertu du Système d'information sur les matières dangereuses utilisées au travail (SIMDUT 2015)

**Éléments d'étiquetage****Mentions de danger**

Ce produit n'est pas considéré dangereux en vertu du Système d'information sur les matières dangereuses utilisées au travail (SIMDUT 2015)

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## Conseils de prudence - Prévention

Non applicable

## Conseils de prudence - Réponse

Non applicable

## Autres renseignements

Provoque une légère irritation cutanée.

## 3. Composition/informations sur les composants

### Substance

Non applicable.

### Mélange

Nom chimique	No. CAS	% en poids	Numéro d'enregistrement en vertu de la Loi sur le contrôle des renseignements relatifs aux matières dangereuses (no d'enregistrement LCRMD)	Date de dépôt LCRMD et date de la dérogation accordée (s'il y a lieu)
Potassium hydroxide	1310-58-3	0.1 - <1	-	-
Quartz	14808-60-7	0.1 - <1	-	-
Sodium hydroxide	1310-73-2	0.1 - <1	-	-

\*Le pourcentage exact (concentration) de la composition est retenue comme secret commercial.

## 4. Premiers soins

### Description des premiers soins

#### Inhalation

EN CAS D'INHALATION : transporter la victime à l'extérieur et ;a maintenir au repos dans une position où elle peut confortablement respirer.

#### Contact avec les yeux

Rincer immédiatement avec une grande quantité d'eau, y compris sous les paupières, pendant au moins quinze minutes. Si les symptômes persistent, appeler un médecin.

#### Contact avec la peau

Laver immédiatement avec beaucoup d'eau pendant au moins 15 minutes. En cas d'irritation de la peau ou de réactions allergiques, consulter un médecin.

#### Ingestion

Se rincer la bouche à fond avec de l'eau. Ne jamais rien administrer par la bouche à une personne inconsciente. Ne pas provoquer de vomissements sans une consultation médicale. En cas d'ingestion, appeler immédiatement un centre antipoison ou un médecin.

### Les plus importants symptômes et effets, aigus ou retardés

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**Symptômes** Un contact prolongé peut causer une rougeur et une irritation.

**Mention de la nécessité d'une prise en charge médicale immédiate ou d'un traitement spécial**

**Note aux médecins** Traiter en fonction des symptômes.

## 5. Mesures de lutte contre l'incendie

**Moyens d'extinction appropriés** Utiliser des mesures d'extinctions appropriées aux circonstances locales et à l'environnement immédiat.

**Moyens d'extinction inappropriés** AVERTISSEMENT : L'utilisation d'une pulvérisation d'eau pour combattre un feu peut se révéler inefficace.

**Dangers particuliers associés au produit chimique** Aucun renseignement disponible.

### Données sur les risques d'explosion

**Sensibilité au choc** Aucun.

**Sensibilité à la décharge électrostatique** Aucun.

**Équipement de protection particulier pour les pompiers** Les pompiers doivent porter un appareil respiratoire autonome et une tenue d'intervention complète de lutte contre l'incendie. Utiliser de l'équipement de protection individuelle.

## 6. Mesures à prendre en cas de déversement accidentel

### Précautions individuelles, équipements de protection et procédures d'urgence

**Précautions personnelles** Utiliser l'équipement de protection individuelle requis. Éviter le contact avec la peau et les yeux.

### Précautions relatives à l'environnement

**Précautions relatives à l'environnement** Empêcher l'infiltration dans les cours d'eau, les égouts, les sous-sols ou les endroits clos. Ne pas déverser dans des eaux de surface ou un système d'égouts sanitaires. Consulter la section 12 pour des données écologiques supplémentaires.

### Méthodes et matériaux pour le confinement et le nettoyage

**Méthodes de confinement** Empêcher d'autres fuites ou déversements lorsqu'il est possible de le faire en toute sécurité.

**Méthodes de nettoyage** Utiliser l'équipement de protection individuelle requis. Endiguer. Recouvrir le déversement liquide de sable, de terre ou autre matière absorbante non combustible. Ramasser mécaniquement et mettre dans des contenants appropriés pour élimination. Nettoyer la surface contaminée à fond.

**Prévention des dangers secondaires** Bien nettoyer les zones et les objets contaminés en respectant les règlements sur l'environnement.

**Références à d'autres sections** Consulter la section 8 pour plus de renseignements. Consulter la Section 13 pour plus de



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renseignements.

## 7. Manutention et stockage

### Précautions relatives à la sûreté en matière de manutention

**Conseils sur la manutention sécuritaire** Utiliser l'équipement de protection individuelle requis. Manipuler conformément aux bonnes pratiques de sécurité et d'hygiène industrielle. Ne pas manger, boire ou fumer en manipulant le produit. S'assurer une ventilation adéquate. Éviter le contact avec la peau, les yeux ou les vêtements. Laver à fond après manutention.

### Conditions de sûreté en matière de stockage, y compris les incompatibilités

**Conditions d'entreposage** Conserver les récipients bien fermés dans un endroit frais et bien ventilé. Craint le gel.

**Références à d'autres sections** Section 10 : STABILITÉ ET RÉACTIVITÉ

## 8. Contrôles de l'exposition/Protection individuelle

### Paramètres de contrôle

**Limites d'exposition** Ce produit contient des substances qui, à l'état brut, sont sous forme de poudre, cependant, dans ce produit, elles sont sous une forme non respirable. L'inhalation de particules de poudre / poussière est peu probable suite à l'exposition à ce produit.

Nom chimique	Alberta	Colombie-Britannique	TWA - Ontario	Québec
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	CEV: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	CEV: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

### Contrôles techniques appropriés

**Mesures d'ingénierie** Douches  
Douches oculaires  
Systèmes de ventilation.

### Mesures de protection individuelle, telles que les équipements de protection individuelle

**Protection des yeux/du visage** Porter des lunettes de sécurité à écrans latéraux (ou des lunettes à coques). Éviter le contact avec les yeux.

**Protection des mains** Portez des gants à l'épreuve des produits chimiques convenables. Le choix de gants convenables est fonction du matériel utilisé ainsi que des différentes marques de qualité et des différents fabricants.

**Protection de la peau et du corps** Porter un vêtement de protection approprié.

**Protection respiratoire** Utiliser une protection respiratoire appropriée. Lorsque les travailleurs sont exposés à des concentrations qui excèdent la limite d'exposition, ils doivent utiliser des appareils

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respiratoires approuvés appropriés.

## Considérations générales sur l'hygiène

Porter des gants appropriés et un appareil de protection des yeux/du visage. Manipuler conformément aux bonnes pratiques de sécurité et d'hygiène industrielle. Ne pas manger, boire ou fumer en manipulant le produit. Éviter le contact avec la peau, les yeux ou les vêtements. Se laver les mains et le visage avant les pauses/arrêts et immédiatement après avoir manipulé le produit. Enlever les vêtements contaminés et les laver avant réutilisation. Il est recommandé de nettoyer régulièrement l'équipement, l'aire de travail et les vêtements.

## 9. Propriétés physiques et chimiques

### Information sur les propriétés physiques et chimiques essentielles

État physique	Liquide
Aspect	Liquide
Couleur	Bleu
Odeur	Caractéristique
Seuil olfactif	Aucun renseignement disponible

### Propriété

### Valeurs

### Remarques • Méthode

pH	7.5 - 8.5	
pH (en solution aqueuse)	Aucune donnée disponible	
Point de fusion / point de congélation	Aucune donnée disponible	
Point initial d'ébullition et plage d'ébullition	100 °C / 212 °F	
Point d'éclair	> 100 °C / 212 °F	
Taux d'évaporation	Aucune donnée disponible	
Inflammabilité	Aucune donnée disponible	
Limites d'inflammabilité dans l'air		
Limite supérieure d'inflammabilité ou d'explosivité	Aucune donnée disponible	
Limite inférieure d'inflammabilité ou d'explosivité	Aucune donnée disponible	
Pression de vapeur	Aucune donnée disponible	
Densité de vapeur relative	Aucune donnée disponible	
Densité relative	Aucune donnée disponible	
Solubilité dans l'eau	Insoluble dans l'eau	
Solubilité dans d'autres solvants	Aucune donnée disponible	
Coefficient de partage	Aucune donnée disponible	
Température d'auto-inflammation	Aucune donnée disponible	
Température de décomposition		
Viscosité cinématique	Aucune donnée disponible	
Viscosité dynamique	Aucune donnée disponible	

Propriétés explosives	Aucun renseignement disponible.
Propriétés comburantes	Aucun renseignement disponible.

### Autres renseignements

Point de ramollissement	Aucun renseignement disponible	
Masse moléculaire	Aucun renseignement disponible	
Densité	1.050 g/cm <sup>3</sup>	
Masse volumique apparente	Aucun renseignement disponible	
Teneur en solides (%)	Aucun renseignement disponible	
Teneur en COV	0 g/L	Aucun renseignement disponible

## 10. Stabilité et réactivité

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Réactivité	Aucun renseignement disponible.
Stabilité chimique	Stable dans des conditions normales.
Risques de réactions dangereuses	Aucun dans des conditions normales de traitement
Conditions à éviter	Ne pas congeler.
Matières incompatibles	Aucun(e) connu(e) selon les renseignements fournis.
Produits de décomposition dangereux	Monoxyde de carbone. Dioxyde de carbone (CO <sub>2</sub> ). Hydrocarbures.

## 11. Données toxicologiques

### Informations sur les voies d'exposition probables

Inhalation	Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
Contact avec les yeux	Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
Contact avec la peau	Aucune donnée de test spécifique n'est disponible pour la substance ou le mélange. Provoque une légère irritation cutanée.
Ingestion	Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

### Symptômes liés aux caractéristiques physiques, chimiques et toxicologiques

Symptômes Un contact prolongé peut causer une rougeur et une irritation.

### Mesures numériques de la toxicité

#### Toxicité aiguë

Les valeurs suivantes sont calculées d'après le chapitre 3.1 du document du SGH

ETAmél (orale)	>5000 mg/kg
ETAmél (cutané)	>5000 mg/kg
ETAmél (inhalation-gaz)	>20000
mg/l	
ETAmél	>5 mg/l
(inhalation-poussière/brouillard)	
ETAmél (inhalation-vapeur)	>20 mg/l

#### Toxicité aiguë inconnue

Aucun renseignement disponible

#### Renseignements sur les composants

Nom chimique	DL50 par voie orale	DL50 par voie cutanée	CL50 par inhalation
Potassium hydroxide 1310-58-3	=333 mg/kg (Rattus)	-	-
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Sodium hydroxide 1310-73-2	=325 mg/kg (Rattus)	= 1350 mg/kg (Oryctolagus cuniculus)	-

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## Effets retardés et immédiats et effets chroniques d'une exposition de courte et de longue durée

**Corrosion cutanée/irritation cutanée** Classification fondée sur les données disponibles pour les ingrédients.

**Lésions oculaires graves/irritation oculaire** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

**Sensibilisation respiratoire ou cutanée** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

**Mutagénicité sur les cellules germinales** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

**Cancérogénicité** Ce produit contient des substances qui, à l'état brut, sont sous forme de poudre, cependant, dans ce produit, elles sont sous une forme non respirable. L'inhalation de particules de poudre / poussière est peu probable suite à l'exposition à ce produit.

Nom chimique	ACGIH	CIRC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

### Légende

**ACGIH (Conférence américaine des hygiénistes industriels gouvernementaux)**

A2 - cancérogène suspecté pour l'être humain

**CIRC (Centre international de recherche sur le cancer)**

Groupe 1 - Cancérogène pour l'homme

**NTP (programme national de toxicologie)**

Connu - cancérogène connu

**Administration de la sécurité et de la santé professionnelle du département du travail des États-Unis**

X - Présent

**Toxicité pour la reproduction** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

**STOT - exposition unique** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

**STOT - exposition répétée** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

**Effets sur les organes cibles** Aucun renseignement disponible.

**Toxicité subchronique** Aucun renseignement disponible.

**Effets neurologiques** Aucun renseignement disponible.

**Autres effets nocifs** Aucun renseignement disponible.

**Danger par aspiration** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

## 12. Données écologiques

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**Écotoxicité** Toxique pour les organismes aquatiques. Nocif pour les organismes aquatiques, entraîne des effets à long terme.

Nom chimique	Algues/plantes aquatiques	Poissons	Toxicité pour les microorganismes	Crustacés
Potassium hydroxide 1310-58-3	-	LC50: =80mg/L (96h, Gambusia affinis)	-	-
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

**Persistance et dégradation** Aucun renseignement disponible.

**Bioaccumulation** Il n'existe aucune donnée pour ce produit.

## Renseignements sur les composants

Nom chimique	Coefficient de partage
Potassium hydroxide 1310-58-3	0.83

**Mobilité dans le sol** Aucun renseignement disponible

**Autres effets nocifs** Aucun renseignement disponible.

## 13. Considérations relatives à l'élimination

### Méthodes d'élimination

**Déchets de résidus/produits inutilisés** Éliminer conformément à la réglementation locale. Éliminer les déchets conformément à la réglementation environnementale.

**Emballage contaminé** Ne pas réutiliser les contenants vides.

## 14. Informations relatives au transport

**Note :** Craint le gel

**TMD** Non réglementé

**IATA** Non réglementé

**IMDG** Non réglementé

## 15. Renseignements sur la réglementation

### INRP - Inventaire national des rejets de polluants

Aucun des composants n'est répertorié dans l'INRP au-dessus de la limite

### Inventaires internationaux

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TSCA	Est conforme à (aux)
DSL	Non inscrit(e)

**Légende :**

**TSCA** - États-Unis - Section 8 (b) de l'inventaire TSCA (loi réglementant les substances toxiques)

**DSL** - Liste intérieure des substances pour le Canada

**Est conforme à (aux)** - Les composants de ce produit sont inscrits sur la liste d'inventaire ou en sont exemptés. Active

**Non inscrits** - Un ou plusieurs des composants de ce produit ne sont pas inscrits sur la liste d'inventaire.

## 16. Autres renseignements, y compris la date de préparation de la dernière révision

### Signification des abréviations et acronymes utilisés dans la fiche de données de sécurité

**Légende**

SVHC : Substances extrêmement préoccupantes pour autorisation :

TBP: Substances persistants, bioaccumulables et toxiques (PBT)

vPvB: Substances très persistants et très bioaccumulables (vPvB)

STOT : Toxicité pour certains organes cibles

ETA : Estimation de la toxicité aiguë

CL50 : Concentration létale 50

DL50 : Dose létale 50

**Légende SECTION 8 : Contrôles de l'exposition/protection individuelle**

TWA TWA (moyenne pondérée dans le temps)

STEL

STEL (Limite d'exposition de courte durée)

Valeur plafond Valeur limite maximale

Sk\*

Désignation de la peau

**Date de révision** 08-nov.-2024

**Note de révision** Sections de la FS mises à jour. 3. 9. 12.

### Avis de non-responsabilité

Toutes les informations contenues dans le présent document sont considérées comme exactes à la date de publication, sont fournies « telles quelles » et peuvent être modifiées sans préavis. Il ne s'agit pas d'une garantie, d'un accord ou d'un substitut à l'avis d'un expert ou d'un professionnel. Bostik Inc. (la « Société ») décline expressément et n'assume aucune responsabilité quant à l'utilisation des produits ou à la confiance accordée aux informations fournies ici. Il est de la seule responsabilité de l'utilisateur de déterminer l'adéquation de tout produit pour son ou ses applications. **AUCUNE GARANTIE D'ADÉQUATION À UN USAGE PARTICULIER OU TOUTE AUTRE GARANTIE, EXPRESSE OU IMPLICITE (Y COMPRIS L'ADÉQUATION À UN USAGE DANS UN DISPOSITIF MÉDICAL OU UNE APPLICATION MÉDICALE), N'EST DONNÉE CONCERNANT LES PRODUITS OU LES INFORMATIONS FOURNIES DANS LE PRÉSENT DOCUMENT.** Les informations fournies ne concernent que les produits particuliers désignés ici et peuvent ne pas être valables lorsque ces produits sont utilisés en combinaison avec d'autres matières ou dans un procédé quelconque. La performance du produit, sa durée de conservation et ses caractéristiques d'application dépendent de nombreuses variables, et les changements dans ces variables peuvent avoir une incidence sur les performances du produit. Il vous incombe de tester au préalable l'adéquation de tout produit pour toute utilisation ou application prévue et avant toute commercialisation. Rien dans le présent document ne doit être interprété comme une licence pour l'utilisation d'un produit d'une manière qui pourrait enfreindre un brevet et il ne doit pas être interprété comme une incitation à enfreindre tout brevet. Veuillez lire attentivement la fiche signalétique du produit.

La Société adhère à une politique stricte qui s'applique à l'utilisation de l'un de ses produits dans les applications de dispositifs médicaux. La présente politique se trouve à l'adresse

<https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-management/medical-device-policy/>, laquelle est incorporée aux présentes par renvoi et en fait partie intégrante. Sauf autorisation expresse, la Société (i) a désigné des compositions précises de qualité médicale pour les produits utilisés dans des applications de dispositifs médicaux et les produits de la Société qui ne sont pas ainsi désignés ne sont pas

# FICHE DE DONNÉES DE SÉCURITÉ

STIX 2230-CA  
Numéro de révision 3

Date de révision 08-nov.-2024  
Remplace la date 06-nov.-2024

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autorisés à être utilisés dans des applications de dispositifs médicaux et (ii) interdit strictement l'utilisation de l'un de ses produits dans des applications de dispositifs médicaux qui sont implantés dans le corps ou en contact avec des fluides ou des tissus corporels pendant plus de 30 jours. La Société ne conçoit, ne fabrique et/ou ne vend directement aucun dispositif médical. La Société ne conçoit pas conjointement ses produits ni n'offre de l'aide à tout acheteur de ceux-ci dans la conception, la fabrication et/ou la vente de produits destinés à des dispositifs médicaux. Il est de la seule responsabilité du fabricant de dispositifs médicaux de déterminer l'adéquation de toutes les matières premières, produits et composants, y compris tout produit de qualité médicale, afin de garantir que le dispositif médical est sûr pour l'utilisation finale et conforme à toutes les exigences légales et réglementaires applicables, et de mener tous les tests et inspections nécessaires.

**Fin de la fiche signalétique**

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## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

Product Name STIX 2230-CA

### Other means of identification

Synonyms 30625690, 30625147

### Recommended use of the chemical and restrictions on use

Recommended use Adhesives

Restrictions on use No information available

### Details of the supplier of the safety data sheet

#### Responsible Party

##### **Bostik Canada Limited**

655 Alphonse-Deshaies Boulevard  
Becancour  
Quebec  
G9H 2Y8  
Canada  
Phone: +1 (514) 593-0418  
Fax: +1 (514) 593-0413  
E-mail msds@bostik.com

#### Manufacturer Address

##### **Bostik Inc.**

198 Nexus Drive  
Dalton, Georgia 30721 USA  
Phone: +1 (800) 367-4583 (Domestic Toll Free)  
Phone: +1 (706) 272-5800

E-mail msds@bostik.com

### Emergency telephone number

CHEMTREC (Chemical Transportation Emergency Center)  
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)  
Use reference#: CCN 833717

**Rocky Mountain Poison Center:** 1-866-767-5089

## 2. Hazards Identification

### Classification

This product is not considered hazardous in accordance with the Canadian Workplace Hazardous Material Information System (WHMIS 2015)

### Label elements

#### **Hazard statements**

This product is not considered hazardous in accordance with the Canadian Workplace Hazardous Material Information System (WHMIS 2015)



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**Precautionary Statements - Prevention**  
Not applicable

**Precautionary Statements - Response**  
Not applicable

**Other information**  
Causes mild skin irritation.

## 3. Composition/information on Ingredients

### Substance

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Potassium hydroxide	1310-58-3	0.1 - <1	-	-
Quartz	14808-60-7	0.1 - <1	-	-
Sodium hydroxide	1310-73-2	0.1 - <1	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First Aid Measures

### Description of first aid measures

<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, call a poison control center or physician immediately.

### Most important symptoms and effects, both acute and delayed

**Symptoms** Prolonged contact may cause redness and irritation.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

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## 5. Fire-Fighting Measures

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required. Avoid contact with skin and eyes.

### Environmental precautions

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## 7. Handling and Storage

### Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.

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Reference to other sections Section 10: STABILITY AND REACTIVITY

## 8. Exposure Controls/Personal Protection

### Control parameters

**Exposure Limits** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	Alberta	British Columbia	Ontario TWA	Quebec
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	CEV: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	CEV: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Use appropriate respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash hands and face before breaks and immediately after handling the product. Take off contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

**Physical state** Liquid  
**Appearance** Liquid  
**Color** Blue  
**Odor** Characteristic  
**Odor threshold** No information available

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<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.5 - 8.5	
pH (as aqueous solution)	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	100 °C / 212 °F	
Flash point	> 100 °C / 212 °F	
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Relative vapor density	No data available	
Relative density	No data available	
Water solubility	Insoluble in water	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature		
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No information available.	
Oxidizing properties	No information available.	
<u>Other information</u>		
Softening point	No information available	
Molecular weight	No information available	
Density	1.050 g/cm <sup>3</sup>	
Bulk density	No information available	
Solid content (%)	No information available	
VOC content	0 g/L	No information available

## 10. Stability and Reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing
Conditions to avoid	Do not freeze.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Hydrocarbons.

## 11. Toxicological Information

### Information on likely routes of exposure

Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.

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**Skin contact** Specific test data for the substance or mixture is not available. Causes mild skin irritation.  
**Ingestion** Based on available data, the classification criteria are not met.

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Prolonged contact may cause redness and irritation.

## Numerical measures of toxicity

### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** >5000 mg/kg  
**ATEmix (dermal)** >5000 mg/kg  
**ATEmix (inhalation-gas)** >20000 mg/l  
**ATEmix (inhalation-dust/mist)** >5 mg/l  
**ATEmix (inhalation-vapor)** >20 mg/l

### Unknown acute toxicity

No information available

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium hydroxide 1310-58-3	=333 mg/kg (Rattus)	-	-
Quartz 14808-60-7	>2000 mg/kg (Rattus)	-	-
Sodium hydroxide 1310-73-2	=325 mg/kg (Rattus)	= 1350 mg/kg (Oryctolagus cuniculus)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Classification based on data available for ingredients.  
**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.  
**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.  
**Germ cell mutagenicity** Based on available data, the classification criteria are not met.  
**Carcinogenicity** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**  
A2 - Suspected Human Carcinogen

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## IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

## NTP (National Toxicology Program)

Known - Known Carcinogen

## Occupational Safety and Health Administration of the US Department of Labor

X - Present

<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Target organ effects</b>	No information available.
<b>Subchronic toxicity</b>	No information available.
<b>Neurological effects</b>	No information available.
<b>Other adverse effects</b>	No information available.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

## 12. Ecological Information

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium hydroxide 1310-58-3	-	LC50: =80mg/L (96h, Gambusia affinis)	-	-
Sodium hydroxide 1310-73-2	-	LC50: =45.4mg/L (96h, Oncorhynchus mykiss)	-	-

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical name	Partition coefficient
Potassium hydroxide 1310-58-3	0.83

**Mobility in soil** No information available

**Other adverse effects** No information available.

## 13. Disposal Considerations

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## Disposal methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## 14. Transport Information

**Note:** Keep from freezing

**TDG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. Regulatory Information

### NPRI - National Pollutant Release Inventory

No component is listed on the NPRI above the threshold

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Not Listed

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Complies** - The components of this product are either listed or exempt from listing on inventory. Active

**Not Listed** - One or more components of this product are not listed on inventory.

## 16. Other information, including date of preparation of the last revision

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Sk\*

Skin designation

**Revision date** 08-Nov-2024

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## Revision Note

SDS sections updated. 3. 9. 12.

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The Company adheres to a strict policy that applies to the use of any of its products in medical device applications. This policy can be found at <https://www.arkema.com/global/en/social-responsibility/innovation-and-sustainable-solutions/responsible-product-management/medical-device-policy/> which is incorporated herein by reference and made a part hereof. Except as expressly authorized, the Company (i) has designated specific medical grade compositions for products used in medical device applications and Company products not so designated are not authorized for use in medical device applications and (ii) strictly prohibits the use of any of its products in medical device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. The Company does not design, manufacture and/or directly sell any medical devices. The Company does not co-design, or offer assistance to any purchaser of its products, in their design, manufacture and/or sale of products for medical devices. It is the sole responsibility of the manufacturer of medical devices to determine the suitability of all raw material, products and components, including any medical grade products, in order to ensure that the medical device is safe for end-use and complies with all applicable legal and regulatory requirements and to conduct all necessary tests and inspections.

**End of Safety Data Sheet**