

Cuda Canada 100Z

Safety Data Sheet A014EXX-CUD100

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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Version: 5.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Cuda Canada 100Z
Product code : A014EXX-040-CAN

1.2. Recommended use and restrictions on use

Use of the substance/mixture : This product is specifically manufactured for, and must be exclusively used in, heavy industrial applications.

1.3. Supplier

Cuda Canada
25597 130th Avenue
Maple Ridge, BC V4R 1C9 - Canada
T 604-506-3787

1.4. Emergency telephone number

Emergency number : Infotrac - 800-535-5053

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin Corr. 1	H314	Causes severe skin burns and eye damage
Eye Dam. 1	H318	Causes serious eye damage

Full text of hazard classes and H-statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage

Precautionary statements (GHS US) : P260 - Do not breathe dust.
P264 - Wash hands, forearms and face, clothing thoroughly after handling.
P280 - Wear eye protection, face protection, protective clothing, protective gloves.
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor, a POISON CENTER
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Common Name (Synonyms)	Product identifier	%	GHS US classification
Sodium Carbonate	anhydrous soda / ash / bisodium carbonate / calcined soda(=sodium carbonate) / carbonic acid disodium salt / carbonic acid sodium salt / CASWELL NO. 752 / chrysol carbonate / crystol carbonate (=sodium carbonate) / natural ash / Na-X / snowlite 1 / soda (=sodium carbonate) / soda ash / soda, crystals / sodium carbonate / sodium carbonate, anhydrous / sodium carbonate, anhydrous ASTM D458 / sodium carbonate, anhydrous GE materials D4D5 / sodium carbonate, anhydrous powder / sodium carbonate, crude / sodium carbonate, granular / Solvay soda / synthetic ash / washing soda (=sodium carbonate)	(CAS-No.) 497-19-8	20 – 50	Acute Tox. 4 (Inhalation:dust,mist), H332
Sodium Metasilicate	anhydrous sodium metasilicate / disodium metasilicate / disodium monosilicate / silicic acid (H ₂ SiO ₃), disodium salt / silicic acid, disodium salt / sodium metasilicate (Na ₂ SiO ₃) / sodium metasilicate, anhydrous / sodium silicate (=disodium metasilicate) / sodium silicate, powder (=disodium metasilicate)	(CAS-No.) 6834-92-0	20 – 50	Skin Corr. 1, H314 Eye Dam. 1, H318
Oxirane, Methyl-, Polymer	ethyleneglycol/propyleneglycol,copolymer(=PEG 1000P) / TB12087	(CAS-No.) 9003-11-6	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Diethylene Glycol Mono-Butyl Ether	2-(2-butoxyethoxy)ethanol / BDGE / butyl diglycol ether / butyldigol / DEGBE / diethylene glycol monobutyl ether / diethyleneglycol butyl ether / ethanol, 2-(2-butoxyethoxy)-	(CAS-No.) 112-34-5	1 – 3	Eye Irrit. 2A, H319

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects after eye contact	: Causes serious eye damage.

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4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Hygiene measures : Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Cuda Canada 100Z	
No additional information available	
Sodium Carbonate (497-19-8)	
No additional information available	
Sodium Metasilicate (6834-92-0)	
No additional information available	
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Diethylene glycol monobutyl ether
ACGIH TWA (ppm)	10 ppm (Inhalable fraction and vapor)

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Oxirane, Methyl-, Polymer (9003-11-6)

No additional information available

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: White
Odor	: characteristic
Odor threshold	: No data available
pH	: No data available
pH solution	: 12.5 (2% wt.)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

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10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Sodium Carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg (Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg (16 CFR 1500. 40, 24 h, Rabbit, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	2.3 mg/l (2 h, Rat, Male, Experimental value, Inhalation (aerosol))
ATE US (oral)	2800 mg/kg body weight
ATE US (vapors)	2.3 mg/l/4h
ATE US (dust, mist)	2.3 mg/l/4h

Sodium Metasilicate (6834-92-0)	
LD50 dermal rat	> 5000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Read-across, Dermal)
LC50 inhalation rat (mg/l)	> 2.06 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Read-across, Inhalation (vapours))

Diethylene Glycol Mono-Butyl Ether (112-34-5)	
LD50 dermal rabbit	2764 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal)
ATE US (dermal)	2764 mg/kg body weight

Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects after eye contact	: Causes serious eye damage.

SECTION 12: Ecological information

12.1. Toxicity

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Sodium Carbonate (497-19-8)	
LC50 fish 1	300 mg/l (Other, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value)
EC50 Daphnia 1	200 – 227 mg/l (Other, 48 h, Ceriodaphnia sp., Semi-static system, Fresh water, Experimental value)
Sodium Metasilicate (6834-92-0)	
LC50 fish 1	210 mg/l (Equivalent or similar to OECD 203, 96 h, Brachydanio rerio, Semi-static system, Fresh water, Experimental value)
EC50 Daphnia 1	1700 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Read-across, GLP)
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
LC50 fish 1	1300 mg/l (Equivalent or similar to OECD 203, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	> 100 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 (algae)	1101 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)

12.2. Persistence and degradability

Cuda Canada 100Z	
Persistence and degradability	Not established.
Sodium Carbonate (497-19-8)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
Sodium Metasilicate (6834-92-0)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
Persistence and degradability	Readily biodegradable in water.
Oxirane, Methyl-, Polymer (9003-11-6)	
Persistence and degradability	Not readily biodegradable in water.

12.3. Bioaccumulative potential

Cuda Canada 100Z	
Bioaccumulative potential	Not established.
Sodium Carbonate (497-19-8)	
Partition coefficient n-octanol/water (Log Pow)	-6.19 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.
Sodium Metasilicate (6834-92-0)	
Bioaccumulative potential	Bioaccumulation: not applicable.
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
Partition coefficient n-octanol/water (Log Pow)	1 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Oxirane, Methyl-, Polymer (9003-11-6)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

Sodium Carbonate (497-19-8)	
Ecology - soil	Low potential for adsorption in soil.
Sodium Metasilicate (6834-92-0)	
Ecology - soil	No (test)data on mobility of the substance available.

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Diethylene Glycol Mono-Butyl Ether (112-34-5)

Surface tension	27 mN/m (25 °C, 0.00212 mol/g)
Ecology - soil	Low potential for adsorption in soil.

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN3253 Disodium trioxosilicate, mixture, 8, III
UN-No.(DOT) : UN3253
Proper Shipping Name (DOT) : Disodium trioxosilicate
Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136
Packing group (DOT) : III - Minor Danger
Hazard labels (DOT) : 8 - Corrosive



DOT Packaging Non Bulk (49 CFR 173.xxx) : 213
DOT Packaging Bulk (49 CFR 173.xxx) : 240
DOT Special Provisions (49 CFR 172.102) : IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).
IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner.
T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)
TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.
DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 25 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 100 kg
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other : 52 - Stow "separated from" acids
Emergency Response Guide (ERG) Number : 154
Other information : No supplementary information available.

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SECTION 15: Regulatory information

15.1. US Federal regulations

Sodium Carbonate (497-19-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium Metasilicate (6834-92-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diethylene Glycol Mono-Butyl Ether (112-34-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

Oxirane, Methyl-, Polymer (9003-11-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Diethylene Glycol Mono-Butyl Ether (112-34-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 01/13/2020

Other information : None.

Full text of H-phrases:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Corr. 1	Skin corrosion/irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H402	Harmful to aquatic life

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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Fiche de données de sécurité A014EXX-CUD100

conforme Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date d'émission: 04/15/2015

Date de révision: 01/13/2020

Remplace la fiche: 07/17/2019

Version: 5.1

SECTION 1: Identification

1.1. Identification

Forme du produit : Mélange
Nom du produit : Cuda Canada 100Z
Code du produit : A014EXX-040-CAN

1.2. Usage recommandé et restrictions d'utilisation

Utilisation de la substance/mélange : This product is specifically manufactured for, and must be exclusively used in, heavy industrial applications.

1.3. Fournisseur

Cuda Canada
25597 130th Avenue
Maple Ridge, BC V4R 1C9 - Canada
T 604-506-3787

1.4. Numéro d'appel d'urgence

Numéro d'urgence : Infotrac - 800-535-5053

SECTION 2: Identification des dangers

2.1. Classification de la substance ou du mélange

Classification SGH-US

Skin Corr. 1 H314 Provoque des brûlures de la peau et des lésions oculaires graves
Eye Dam. 1 H318 Provoque des lésions oculaires graves

Texte intégral des catégories de classification et des mentions H : voir section 16

2.2. Éléments d'étiquetage SGH, y compris conseils de prudence

Étiquetage GHS US

Pictogrammes de danger (GHS US) :



Mention d'avertissement (GHS US) : Danger
Mentions de danger (GHS US) : H314 - Provoque des brûlures de la peau et des lésions oculaires graves
H318 - Provoque des lésions oculaires graves
Conseils de prudence (GHS US) : P260 - Ne pas respirer les poussières.
P264 - Se laver les mains, les avant-bras et le visage, vêtements soigneusement après manipulation.
P280 - Porter un équipement de protection des yeux, un équipement de protection du visage, des vêtements de protection, des gants de protection.
P301+P330+P331 - EN CAS D'INGESTION: rincer la bouche. NE PAS faire vomir
P303+P361+P353 - EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): Enlever immédiatement tous les vêtements contaminés. Rincer la peau à l'eau/Se doucher
P304+P340 - EN CAS D'INHALATION: transporter la personne à l'extérieur et la maintenir dans une position où elle peut confortablement respirer
P305+P351+P338 - EN CAS DE CONTACT AVEC LES YEUX: rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer
P310 - Appeler immédiatement un médecin, un CENTRE ANTIPOISON
P363 - Laver les vêtements contaminés avant réutilisation.
P405 - Garder sous clef.
P501 - Éliminer le contenu/récipient dans un centre de collecte de déchets dangereux ou spéciaux, conformément à la réglementation locale, régionale, nationale et/ou internationale

2.3. Autres dangers non classés

Pas d'informations complémentaires disponibles

2.4. Unknown acute toxicity (GHS US)

Non applicable

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SECTION 3: Composition/information sur les ingrédients

3.1. Substances

Non applicable

3.2. Mélanges

Nom	Nom commun (Synonymes)	Identificateur de produit	%	Classification SGH-US
Sodium Carbonate	anhydrous soda / ash / bisodium carbonate / calcined soda(=sodium carbonate) / carbonic acid disodium salt / carbonic acid sodium salt / CASWELL NO. 752 / chrystol carbonate / crystol carbonate (=sodium carbonate) / natural ash / Na-X / snowlite 1 / soda (=sodium carbonate) / soda ash / soda, crystals / sodium carbonate / sodium carbonate, anhydrous / sodium carbonate, anhydrous ASTM D458 / sodium carbonate, anhydrous GE materials D4D5 / sodium carbonate, anhydrous powder / sodium carbonate, crude / sodium carbonate, granular / Solvay soda / synthetic ash / washing soda (=sodium carbonate)	(n° CAS) 497-19-8	20 – 50	Acute Tox. 4 (Inhalation:dust,mist), H332
Sodium Metasilicate	anhydrous sodium metasilicate / disodium metasilicate / disodium monosilicate / silicic acid (H ₂ SiO ₃), disodium salt / silicic acid, disodium salt / sodium metasilicate (Na ₂ SiO ₃) / sodium metasilicate, anhydrous / sodium silicate (=disodium metasilicate) / sodium silicate, powder (=disodium metasilicate)	(n° CAS) 6834-92-0	20 – 50	Skin Corr. 1, H314 Eye Dam. 1, H318
Oxirane, Methyl-, Polymer	ethyleneglycol/propyleneglycol,copolymer(=PEG 1000P) / TB12087	(n° CAS) 9003-11-6	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Diethylene Glycol Mono-Butyl Ether	2-(2-butoxyethoxy)ethanol / BDGE / butyl diglycol ether / butyldigol / DEGBE / diethylene glycol monobutyl ether / diethyleneglycol butyl ether / ethanol, 2-(2-butoxyethoxy)-	(n° CAS) 112-34-5	1 – 3	Eye Irrit. 2A, H319

Texte intégral des catégories de classification et des mentions H : voir section 16

SECTION 4: Premiers soins

4.1. Description des premiers secours

Premiers soins général	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Premiers soins après inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
Premiers soins après contact avec la peau	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Premiers soins après contact oculaire	: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. Appeler immédiatement un CENTRE ANTIPOISON ou un médecin.
Premiers soins après ingestion	: Rincer la bouche. NE PAS faire vomir. Obtain emergency medical attention.

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4.2. Symptômes et effets les plus importants, aigus ou retardés

- Effets néfastes potentiels sur la santé humaine : Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
et symptômes possibles
- Symptômes/effets après contact oculaire : Provoque des lésions oculaires graves.

4.3. Nécessité d'une prise en charge médicale immédiate ou d'un traitement spécial, si nécessaire

Pas d'informations complémentaires disponibles

SECTION 5: Mesures à prendre en cas d'incendie

5.1. Moyens d'extinctions appropriés (et non appropriés)

- Moyens d'extinction appropriés : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Agents d'extinction non appropriés : Do not use a heavy water stream.

5.2. Dangers spécifiques dus au produit chimique

Pas d'informations complémentaires disponibles

5.3. Équipements de protection spéciaux et précautions spéciales pour les pompiers

- Instructions de lutte contre l'incendie : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection en cas d'incendie : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Mesures à prendre en cas de déversement accidentel

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

6.1.1. Pour les non-secouristes

- Procédures d'urgence : Evacuate unnecessary personnel.

6.1.2. Pour les secouristes

- Équipement de protection : Equip cleanup crew with proper protection.
- Procédures d'urgence : Ventilate area.

6.2. Précautions pour la protection de l'environnement

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Méthodes et matériel de confinement et de nettoyage

- Procédés de nettoyage : On land, sweep or shovel into suitable containers. Minimise generation of dust. Stocker à l'écart des autres matières.

6.4. Référence à d'autres rubriques

See Heading 8. Exposure controls and personal protection.

SECTION 7: Manutention et stockage

7.1. Précautions à prendre pour une manipulation sans danger

- Précautions à prendre pour une manipulation sans danger : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
- Mesures d'hygiène : Se laver les mains, les avant-bras et le visage soigneusement après manipulation.

7.2. Conditions nécessaires pour assurer la sécurité du stockage, tenant compte d'éventuelles incompatibilités

- Conditions de stockage : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Produits incompatibles : Strong bases. Strong acids.
- Matières incompatibles : Sources of ignition. Direct sunlight.

SECTION 8: Contrôles de l'exposition/protection individuelle

8.1. Paramètres de contrôle

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Pas d'informations complémentaires disponibles

Sodium Carbonate (497-19-8)

Pas d'informations complémentaires disponibles

Sodium Metasilicate (6834-92-0)

Pas d'informations complémentaires disponibles

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Diethylene Glycol Mono-Butyl Ether (112-34-5)

USA - ACGIH - Valeurs limites d'exposition professionnelle

Nom local	Diethylene glycol monobutyl ether
ACGIH TWA (ppm)	10 ppm (Inhalable fraction and vapor)

Oxirane, Methyl-, Polymer (9003-11-6)

Pas d'informations complémentaires disponibles

8.2. Contrôles techniques appropriés

Pas d'informations complémentaires disponibles

8.3. Mesures de protection individuelle/équipements de protection individuelle

Équipement de protection individuelle:

Avoid all unnecessary exposure.

Protection des mains:

Porter des gants de protection.

Protection oculaire:

Chemical goggles or safety glasses

Protection des voies respiratoires:

Wear appropriate mask

Autres informations:

Do not eat, drink or smoke during use.

SECTION 9: Propriétés physiques et chimiques

9.1. Informations sur les propriétés physiques et chimiques essentielles

État physique	: Solide
Couleur	: White
Odeur	: characteristic
Seuil olfactif	: Aucune donnée disponible
pH	: Aucune donnée disponible
pH solution	: 12.5 (2% wt.)
Point de fusion	: Aucune donnée disponible
Point de congélation	: Aucune donnée disponible
Point d'ébullition	: Aucune donnée disponible
Point d'éclair	: Aucune donnée disponible
Vitesse d'évaporation relative (acétate de butyle=1)	: Aucune donnée disponible
Inflammabilité (solide, gaz)	: Ininflammable.
Pression de la vapeur	: Aucune donnée disponible
Densité relative de la vapeur à 20 °C	: Aucune donnée disponible
Densité relative	: Aucune donnée disponible
Solubilité	: Aucune donnée disponible
Coefficient de partage n-octanol/eau (Log Pow)	: Aucune donnée disponible
Température d'auto-inflammation	: Aucune donnée disponible
Température de décomposition	: Aucune donnée disponible
Viscosité, cinématique	: Aucune donnée disponible
Viscosité, dynamique	: Aucune donnée disponible
Limites d'explosivité	: Aucune donnée disponible
Propriétés explosives	: Aucune donnée disponible
Propriétés comburantes	: Aucune donnée disponible

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9.2. Autres informations

Pas d'informations complémentaires disponibles

SECTION 10: Stabilité et réactivité

10.1. Réactivité

Pas d'informations complémentaires disponibles

10.2. Stabilité chimique

Not established.

10.3. Possibilité de réactions dangereuses

Not established.

10.4. Conditions à éviter

Direct sunlight. Extremely high or low temperatures.

10.5. Matières incompatibles

Strong acids. Strong bases.

10.6. Produits de décomposition dangereux

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Données toxicologiques

11.1. Informations sur les effets toxicologiques

Toxicité Aiguë (voie orale)	: Non classé
Toxicité Aiguë (voie cutanée)	: Non classé
Toxicité aigüe (inhalation)	: Non classé

Sodium Carbonate (497-19-8)

DL50 orale rat	2800 mg/kg (Rat, Male/female, Experimental value, Oral, 14 day(s))
DL50 cutanée lapin	> 2000 mg/kg (16 CFR 1500. 40, 24 h, Rabbit, Experimental value, Dermal)
CL50 inhalation rat (mg/l)	2.3 mg/l (2 h, Rat, Male, Experimental value, Inhalation (aerosol))
ATE US (voie orale)	2800 mg/kg de poids corporel
ATE US (vapeurs)	2.3 mg/l/4h
ATE US (poussières, brouillard)	2.3 mg/l/4h

Sodium Metasilicate (6834-92-0)

DL 50 cutanée rat	> 5000 mg/kg de poids corporel (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Read-across, Dermal)
CL50 inhalation rat (mg/l)	> 2.06 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Read-across, Inhalation (vapours))

Diethylene Glycol Mono-Butyl Ether (112-34-5)

DL50 cutanée lapin	2764 mg/kg de poids corporel (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value, Dermal)
ATE US (voie cutanée)	2764 mg/kg de poids corporel

Corrosion cutanée/irritation cutanée	: Causes severe skin burns.
Lésions oculaires graves/irritation oculaire	: Provoque des lésions oculaires graves.
Sensibilisation respiratoire ou cutanée	: Non classé
Mutagénicité sur les cellules germinales	: Non classé
Cancérogénicité	: Non classé

Toxicité pour la reproduction : Non classé

Toxicité spécifique pour certains organes cibles (exposition unique) : Non classé

Toxicité spécifique pour certains organes cibles (exposition répétée) : Non classé

Danger par aspiration : Non classé

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Viscosité, cinématique	: Aucune donnée disponible
Effets néfastes potentiels sur la santé humaine et symptômes possibles	: Compte tenu des données disponibles, les critères de classification ne sont pas remplis.
Symptômes/effets après contact oculaire	: Provoque des lésions oculaires graves.

SECTION 12: Données écologiques

12.1. Toxicité

Sodium Carbonate (497-19-8)	
CL50 poisson 1	300 mg/l (Other, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value)
CE50 Daphnie 1	200 – 227 mg/l (Other, 48 h, Ceriodaphnia sp., Semi-static system, Fresh water, Experimental value)
Sodium Metasilicate (6834-92-0)	
CL50 poisson 1	210 mg/l (Equivalent or similar to OECD 203, 96 h, Brachydanio rerio, Semi-static system, Fresh water, Experimental value)
CE50 Daphnie 1	1700 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Read-across, GLP)
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
CL50 poisson 1	1300 mg/l (Equivalent or similar to OECD 203, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Nominal concentration)
CE50 Daphnie 1	> 100 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 (algues)	1101 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)

12.2. Persistance et dégradabilité

Cuda Canada 100Z	
Persistance et dégradabilité	Not established.
Sodium Carbonate (497-19-8)	
Persistance et dégradabilité	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Demande chimique en oxygène (DCO)	Not applicable (inorganic)
DThO	Not applicable (inorganic)
Sodium Metasilicate (6834-92-0)	
Persistance et dégradabilité	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Demande chimique en oxygène (DCO)	Not applicable
DThO	Not applicable
DBO (% de DThO)	Not applicable
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
Persistance et dégradabilité	Readily biodegradable in water.
Oxirane, Methyl-, Polymer (9003-11-6)	
Persistance et dégradabilité	Not readily biodegradable in water.

12.3. Potentiel de bioaccumulation

Cuda Canada 100Z	
Potentiel de bioaccumulation	Not established.
Sodium Carbonate (497-19-8)	
Coefficient de partage n-octanol/eau (Log Pow)	-6.19 (Estimated value)
Potentiel de bioaccumulation	Not bioaccumulative.
Sodium Metasilicate (6834-92-0)	
Potentiel de bioaccumulation	Bioaccumulation: not applicable.
Diethylene Glycol Mono-Butyl Ether (112-34-5)	
Coefficient de partage n-octanol/eau (Log Pow)	1 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Potentiel de bioaccumulation	Low potential for bioaccumulation (Log Kow < 4).

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Oxirane, Methyl-, Polymer (9003-11-6)

Potentiel de bioaccumulation : Not bioaccumulative.

12.4. Mobilité dans le sol

Sodium Carbonate (497-19-8)

Écologie - sol : Low potential for adsorption in soil.

Sodium Metasilicate (6834-92-0)

Écologie - sol : No (test)data on mobility of the substance available.

Diethylene Glycol Mono-Butyl Ether (112-34-5)

Tension de surface : 27 mN/m (25 °C, 0.00212 mol/g)

Écologie - sol : Low potential for adsorption in soil.

12.5. Autres effets néfastes

Autres informations : Éviter le rejet dans l'environnement.

SECTION 13: Données sur l'élimination

13.1. Méthodes d'élimination

Recommandations pour le traitement du produit/emballage : Dispose in a safe manner in accordance with local/national regulations.

Écologie - déchets : Éviter le rejet dans l'environnement.

SECTION 14: Informations relatives au transport

Département des transports

Conformément aux exigences du DOT

Description document de transport : UN3253 Disodium trioxosilicate, mixture, 8, III
N° ONU (DOT) : UN3253
Désignation officielle pour le transport (DOT) : Disodium trioxosilicate
Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136
Groupe d'emballage (DOT) : III - Danger Faible
Étiquettes de danger (DOT) : 8 - Corrosif



DOT Packaging Non Bulk (49 CFR 173.xxx) : 213
DOT Packaging Bulk (49 CFR 173.xxx) : 240
DOT Special Provisions (49 CFR 172.102) : IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2).
IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner.
T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)
TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.
DOT Packaging Exceptions (49 CFR 173.xxx) : 154

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DOT Quantity Limitations Passenger aircraft/rail : 25 kg
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 100 kg
CFR 175.75)

DOT Emplacement d'arrimage : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Arrimage - Autre information : 52 - Stow "separated from" acids

Emergency Response Guide (ERG) Number : 154

Autres informations : Pas d'informations supplémentaires disponibles.

SECTION 15: Informations sur la réglementation

15.1. Réglementations fédérales USA

Sodium Carbonate (497-19-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium Metasilicate (6834-92-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diethylene Glycol Mono-Butyl Ether (112-34-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

Oxirane, Methyl-, Polymer (9003-11-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. Réglementations internationales

CANADA

Diethylene Glycol Mono-Butyl Ether (112-34-5)

Listed on the Canadian DSL (Domestic Substances List)

Réglementations UE

Directives nationales

Pas d'informations complémentaires disponibles

15.3. Réglementations des Etats - USA

SECTION 16: Autres informations

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Date de révision : 01/13/2020

Autres informations : Aucun(e).

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Textes complet des phrases H:

Acute Tox. 4 (Inhalation:dust,mist)	Toxicité aiguë (inhalation:poussière,brouillard) Catégorie 4
Aquatic Acute 3	Dangereux pour le milieu aquatique — Danger aigu, Catégorie 3
Eye Dam. 1	Lésions oculaires graves/irritation oculaire, Catégorie 1
Eye Irrit. 2A	Lésions oculaires graves/irritation oculaire, Catégorie 2A
Skin Corr. 1	Corrosif/irritant pour la peau, Catégorie 1
Skin Irrit. 2	Corrosif/irritant pour la peau, Catégorie 2
H314	Provoque des brûlures de la peau et des lésions oculaires graves
H315	Provoque une irritation cutanée
H318	Provoque des lésions oculaires graves
H319	Provoque une sévère irritation des yeux
H332	Nocif par inhalation
H402	Nocif pour les organismes aquatiques

FDS US (GHS HazCom 2012)

Ces informations sont basées sur nos connaissances actuelles et décrivent le produit pour les seuls besoins de la santé, de la sécurité et de l'environnement. Elles ne devraient donc pas être interprétées comme garantissant une quelconque propriété spécifique du produit