HG mold stain cleaner

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 10-31-2021 Revision date: 03-21-2024 Version: 2.0

SECTION 1 Identification

1.1. GHS Product identifier

Product form	: Mixture
Product name	: HG mold stain cleaner
Type of product	: Detergent
Product code	: 186 ART
Product group	: Trade product
Vaporizer	: Spray

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Intended for general public

Recommended use	:	Bathroom cleaner
Restrictions on use	:	All other uses not recommended above

1.4. Supplier's details

Supplier
HG International B.V.
P.J. Oudweg 41
Almere, 1314 CJ
The Netherlands
T +31 (0)36 54 94 700
safety@hg.eu - www.hg.eu

Distributor
Toolway Industries Ltd.
1-280 Hunter's Valley Road
Woodbridge, On L4H 3V9
Canada

1.5. Emergency phone number

Country/Area	Organization/Company	Address	Emergency number	Comment
Canada	CANUTEC		1-888-CANUTEC (226-8832) (North American) 1-613-996-6666 (International use)	Toll Free (800) 255 3924 (24h)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Skin corrosion/irritation, Category 1B	H314	Causes severe skin burns and eye damage
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage
Hazardous to the aquatic environment, Acute Hazard, Category 1	H400	Very toxic to aquatic life
Hazardous to the aquatic environment, Chronic Hazard, Category 2	H411	Toxic to aquatic life with long lasting effects

Full text of H statements : see section 16

2.2. GHS label elements, including precautionary statements

GHS CA labeling

Hazard pictograms (GHS CA) :

Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H314 - Causes severe skin burns and eye damage
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS CA) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection, protective clothing.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P352 - IF ON SKIN: Wash with plenty of water.
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 POISON CENTER, a doctor.
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P501 - Dispose of hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
sodium hypochlorite, solution ... % Cl active (Active substance (Biocide))	sodium hypochlorite, solution ... % Cl active	CAS-No.: 7681-52-9	≥ 2 – < 5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Sodium hydroxide, caustic soda	Sodium hydroxide, caustic soda	CAS-No.: 1310-73-2	≥ 1 – < 2	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

First-aid measures general : Call a physician immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : No specific data.

Symptoms/effects after skin contact : Redness. Burns.

Symptoms/effects after eye contact : Redness. Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5 Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Specific hazards arising from the chemical

Fire hazard : Contact with combustible material may cause fire. The active ingredient is an oxidizer. Heating may cause a fire or explosion.

Explosion hazard : Intense heat may cause container to burst.

Reactivity in case of fire : If the product is involved in a fire, it can release toxic chlorine gases.

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Sulphur oxides. Metallic oxides. Halogenated compounds.

5.3. Special protective actions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Precautionary measures fire : Evacuate area. Stop leak if safe to do so.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe mist, vapors. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store locked up. Keep cool. Protect from sunlight. Keep container tightly closed.

Incompatible materials : Acids. Combustible materials.

Storage temperature : > 0 – < 30 °C

Special rules on packaging : Keep only in original container. Opened containers must be carefully closed and kept upright to avoid leakage.

Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Sodium hydroxide, caustic soda (1310-73-2)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Sodium hydroxide
Plafond (OEL C)	2 mg/m³
Notations and remarks	RP
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³

Sodium hydroxide, caustic soda (1310-73-2)	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2024
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2024
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2024
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2024
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL C	2 mg/m³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:
Protective clothing. Gloves. Safety glasses. Chemical resistant safety shoes.

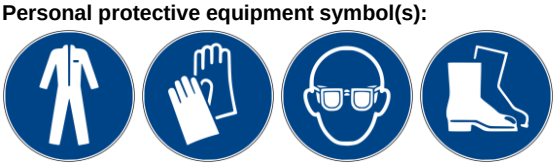
Hand protection:				
Protective gloves				
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35	
Disposable gloves	butyl rubber	6 (> 480 minutes)	0.5	

Eye protection:		
Safety glasses with side shields. Safety glasses		
Type	**Field of application**	**Characteristics**
Safety glasses	Normal use conditions	With side shields
Face shield	Droplet, If there is a risk of liquid being splashed :	With side shields

Skin and body protection:
Long sleeved protective clothing. Chemical resistant safety shoes
Type
Long sleeved protective clothing
Chemical resistant safety shoes
Use chemically protective clothing

Respiratory protection:
No respiratory protection needed under normal use conditions

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : No data available
Color : light yellow
Odor : Chlorine

Odor threshold	:	No data available
pH	:	> 13
pH solution concentration	:	100 %
Relative evaporation rate (butyl acetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	0 °C
Boiling point	:	100 °C
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non flammable.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	1.075 – 1.085
Solubility	:	In water, material soluble.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, kinematic	:	No data available
Explosion limits	:	No data available
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Contact with acids liberates toxic gas. No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from (strong) acids. None under recommended storage and handling conditions (see section 7).
Incompatible materials	:	Acids. Combustible materials.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	:	No additional information available

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
LD50 oral rat	1100 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	8910 mg/kg body weight
LD50 dermal rabbit	> 20000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:
LD50 dermal	> 20000 mg/kg body weight
LC50 Inhalation - Rat (Dust/Mist)	> 10500 mg/l

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
LC50 Inhalation - Rat (Vapors)	> 10.5 mg/l
ATE CA (oral)	1100 mg/kg body weight

Skin corrosion/irritation : Causes severe skin burns.
pH: > 13

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
pH	11

Sodium hydroxide, caustic soda (1310-73-2)	
pH	> 14

Serious eye damage/irritation : Causes serious eye damage.
pH: > 13

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
pH	11

Sodium hydroxide, caustic soda (1310-73-2)	
pH	> 14

Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

HG mold stain cleaner	
Vaporizer	Spray

Symptoms/effects after inhalation : No specific data.
Symptoms/effects after skin contact : Redness. Burns.
Symptoms/effects after eye contact : Redness. Serious damage to eyes.
Symptoms/effects after ingestion : Burns.

SECTION 12 Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short–term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long–term (chronic) : Toxic to aquatic life with long lasting effects.

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
EC50 - Crustacea [1]	141 µg/l Test organisms (species): Daphnia magna

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
EC50 - Crustacea [2]	35 µg/l Test organisms (species): Ceriodaphnia dubia
EC50 - Other aquatic organisms [1]	0.141 mg/l waterflea
EC50 72h - Algae [1]	0.0365 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.0183 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

Sodium hydroxide, caustic soda (1310-73-2)	
LC50 - Fish [1]	> 35 mg/l
EC50 - Crustacea [1]	40.4 mg/l Test organisms (species): Ceriodaphnia sp.
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea

12.2. Persistence and degradability

HG mold stain cleaner	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
Persistence and degradability	Rapidly degradable

Sodium hydroxide, caustic soda (1310-73-2)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

HG mold stain cleaner	
Bioaccumulative potential	No bioaccumulation expected.

sodium hypochlorite, solution ... % Cl active (7681-52-9)	
Partition coefficient n-octanol/water (Log Pow)	-3.42

Sodium hydroxide, caustic soda (1310-73-2)	
Partition coefficient n-octanol/water (Log Pow)	-3.88

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.

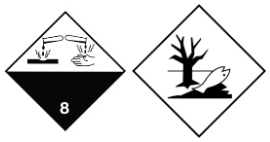
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14 Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN Number			
UN3267	UN3267	3267	3267
14.2. UN Proper Shipping Name			
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution ... % Cl active ; Sodium hydroxide, caustic soda)	Corrosive liquid, basic, organic, n.o.s. (sodium hypochlorite, solution ... % Cl active ; Sodium hydroxide, caustic soda)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution… % Cl active ; Sodium hydroxide; caustic soda)	Corrosive liquid, basic, organic, n.o.s. (sodium hypochlorite, solution… % Cl active ; Sodium hydroxide; caustic soda)
Transport document description			
UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution ... % Cl active ; Sodium hydroxide, caustic soda), 8, II	UN3267 Corrosive liquid, basic, organic, n.o.s. (sodium hypochlorite, solution ... % Cl active ; Sodium hydroxide, caustic soda), 8, II	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hypochlorite, solution… % Cl active ; Sodium hydroxide; caustic soda), 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 3267 Corrosive liquid, basic, organic, n.o.s. (sodium hypochlorite, solution… % Cl active ; Sodium hydroxide; caustic soda), 8, II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)			
8	8	8	8
			
14.4. Packing group, if applicable			
II	II	II	II
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available			

14.6. Special precautions for user

TDG
UN-No. (TDG) : UN3267

TDG Special Provisions	:	16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.
Explosive Limit and Limited Quantity Index	:	1 L
Excepted quantities (TDG)	:	E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	:	1 L
Emergency Response Guide (ERG) Number	:	153

DOT

UN-No. (DOT)	:	UN3267
DOT Special Provisions (49 CFR 172.102)	:	B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T11 - 6 178.274(d)(2) Normal..... 178.275(d)(3) TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively. TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	:	154
DOT Packaging Non Bulk (49 CFR 173.xxx)	:	202
DOT Packaging Bulk (49 CFR 173.xxx)	:	242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	30 L
DOT Vessel Stowage Location	:	B - (i) The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) ‘‘On deck only’’ on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
DOT Vessel Stowage Other	:	40 - Stow ‘‘clear of living quarters’’,52 - Stow ‘‘separated from’’ acids

IMDG

Special provision (IMDG)	:	274
Limited quantities (IMDG)	:	1 L
Excepted quantities (IMDG)	:	E2
Packing instructions (IMDG)	:	P001
IBC packing instructions (IMDG)	:	IBC02
Tank instructions (IMDG)	:	T11
Tank special provisions (IMDG)	:	TP2, TP27
EmS-No. (Fire)	:	F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	:	S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	:	B
Stowage and handling (IMDG)	:	SW2
Segregation (IMDG)	:	SGG18, SG35
Properties and observations (IMDG)	:	Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

IATA

PCA Excepted quantities (IATA)	:	E2
PCA Limited quantities (IATA)	:	Y840
PCA limited quantity max net quantity (IATA)	:	0.5L
PCA packing instructions (IATA)	:	851
PCA max net quantity (IATA)	:	1L
CAO packing instructions (IATA)	:	855
CAO max net quantity (IATA)	:	30L
Special provision (IATA)	:	A3, A803
ERG code (IATA)	:	8L

14.7. Transport in bulk according to Annex II of MARPOL 73/78[9] and the IBC Code[10]

Not applicable

SECTION 15 Regulatory information

sodium hypochlorite, solution ... % Cl active (7681-52-9)

Listed on the Canadian DSL (Domestic Substances List)

Sodium hydroxide, caustic soda (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

sodium hypochlorite, solution ... % Cl active (7681-52-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Sodium hydroxide, caustic soda (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16 Other Information

Issue date	:	10-31-2021
Revision date	:	03-21-2024

Indication of changes		
Section	**Changed item**	**Comments**
	Precautionary statements (GHS CA)	**Modified**
	Recommended uses and restrictions	**Modified**
	Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	**Modified**
	DOT Vessel Stowage Location	**Modified**
	DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	**Modified**
	DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	**Modified**
	DOT Packaging Bulk (49 CFR 173.xxx)	**Modified**
	DOT Packaging Non Bulk (49 CFR 173.xxx)	**Modified**
	DOT Special Provisions (49 CFR 172.102)	**Modified**
	Packing group (DOT)	**Modified**
	Excepted quantities (TDG)	**Modified**
	Packing group (TDG)	**Modified**
	Explosive Limit and Limited Quantity Index	**Modified**
	CAO max net quantity (IATA)	**Modified**
	CAO packing instructions (IATA)	**Modified**
	PCA max net quantity (IATA)	**Modified**
	PCA packing instructions (IATA)	**Modified**
	PCA limited quantity max net quantity (IATA)	**Modified**
	PCA Limited quantities (IATA)	**Modified**
	PCA Excepted quantities (IATA)	**Modified**
	Limited quantities (IMDG)	**Modified**
	Stowage category (IMDG)	**Modified**
	Tank special provisions (IMDG)	**Modified**
	Tank instructions (IMDG)	**Modified**
	IBC packing instructions (IMDG)	**Modified**
	Excepted quantities (IMDG)	**Modified**
	Special provision (IMDG)	**Modified**
	UN-No. (DOT)	**Modified**
	Emergency Response Guide (ERG) Number	**Modified**
	UN-No. (TDG)	**Modified**
	DOT NA No	**Modified**
	DOT Vessel Stowage Other	**Modified**
	Proper Shipping Name (DOT)	**Modified**

Indication of changes		
Section	**Changed item**	**Comments**
	Proper Shipping Name (TDG)	**Modified**
	Flammability	**Modified**
	Revision date	**Added**
	Signal word (GHS CA)	**Modified**
	Hazard pictograms (GHS CA)	**Modified**
	Hazard statements (GHS CA)	**Modified**
	Concentration of the solution used for the pH measurement	**Added**
	Segregation (IMDG)	**Added**
	Properties and observations (IMDG)	**Modified**
	Proper Shipping Name (IATA)	**Modified**
	Proper Shipping Name (IMDG)	**Modified**
1.1	Other means of identification	**Added**
1.2	Restrictions on use	**Added**
2.1	Classification (GHS CA)	**Modified**
3	Composition/Information on ingredients	**Modified**
4.1	First-aid measures after inhalation	**Modified**
4.1	First-aid measures general	**Added**
4.1	First-aid measures after ingestion	**Modified**
4.1	First-aid measures after eye contact	**Modified**
4.1	First-aid measures after skin contact	**Modified**
4.2	Symptoms/effects after ingestion	**Added**
4.2	Symptoms/effects after eye contact	**Modified**
4.2	Symptoms/effects after skin contact	**Modified**
4.2	Symptoms/effects after inhalation	**Added**
5.1	Unsuitable extinguishing media	**Modified**
5.2	Fire hazard	**Added**
5.2	Explosion hazard	**Added**
5.2	Hazardous decomposition products in case of fire	**Modified**
5.2	Reactivity in case of fire	**Added**
5.3	Firefighting instructions	**Added**
5.3	Precautionary measures fire	**Added**
6	For containment	**Modified**
6.1	General measures	**Added**
7.1	Precautions for safe handling	**Modified**

Indication of changes		
Section	**Changed item**	**Comments**
7.1	Additional hazards when processed	**Added**
7.2	Storage conditions	**Modified**
7.2	Packaging materials	**Added**
7.2	Technical measures	**Added**
7.2	Incompatible materials	**Added**
7.2	Special rules on packaging	**Added**
7.2	Storage temperature	**Added**
8.2	Eye protection	**Modified**
8.2	Personal protective equipment	**Modified**
9.1	Melting point	**Added**
9.1	Freezing point	**Added**
9.1	Relative density	**Modified**
9.1	pH	**Modified**
10	Possibility of hazardous reactions	**Modified**
10	Conditions to avoid	**Modified**
10	Incompatible materials	**Modified**
12.1	Ecology - general	**Modified**
12.2	Persistence and degradability	**Added**
12.3	Bioaccumulative potential	**Added**
13.1	Regional waste regulation	**Added**
13.1	Additional information	**Added**
13.1	Sewage disposal recommendations	**Added**
13.1	Product/Packaging disposal recommendations	**Added**
14	Packing instructions (IMDG)	**Modified**
14	Packing group (IATA)	**Modified**
14	Packing group (IMDG)	**Modified**
14.1	UN-No. (IMDG)	**Modified**
14.1	UN-No. (IATA)	**Modified**
16	Training advice	**Added**
16	Other information	**Modified**

Training advice : Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

Other information	:	Normal use of this product shall imply use in accordance with the instructions on the packaging. DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of hazard classes and H-statements:	
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), Canada

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.