HG scale away foam spray

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2021-10-29 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Product name : HG scale away foam spray
Type of product : Detergent
Product code : 218 ART
Product group : Trade product

1.2. Recommended use and restrictions on use

Recommended use : Cleaning agent

1.3. Supplier

Manufacturer
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

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	
Canada	Canutec		226-8832 North American 1-613-996-6666 -International	

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 3	H402	Harmful to aquatic life

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
H402 - Harmful to aquatic life

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 label before use.
P260 - Do not breathe vapors, mist.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection.
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 .
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 POISON CENTER, a doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
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

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Phosphoric acid	Acids	CAS-No.: 7664-38-2	≥ 5 – < 10	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
Alcohols, C9-11, branched and linear, ethoxylated (>5-10 EO)	-	CAS-No.: 160901-09-7	≥ 2 – < 5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Sulphamic acid	Acids	CAS-No.: 5329-14-6	≥ 1 – < 2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412

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 after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

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 : Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand. Seek medical attention immediately.

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

Symptoms/effects after skin contact : Burns.

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

Symptoms/effects after ingestion : Burns.

4.3. Immediate medical attention and special treatment, 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. Sand.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Sulphur oxides. Phosphorus oxides.

5.4. Special protective equipment and precautions for fire-fighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

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

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapors, mist, spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

Heat-ignition : Keep away from heat and direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Phosphoric acid (7664-38-2)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 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 87/2009 (Alberta Regulation 150/2020)
Canada (Quebec) - Occupational Exposure Limits	
Local name	Phosphoric acid
VECD (OEL STEL)	3 mg/m³
VEMP (OEL TWA)	1 mg/m³
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH

Phosphoric acid (7664-38-2)	
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Notations and remarks	URT, eye, & skin irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Notations and remarks	TLV® Basis: URT, eye, & skin irr

Phosphoric acid (7664-38-2)	
Regulatory reference	ACGIH
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m³
OEL STEL	3 mg/m³
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

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/Personal protective equipment

Personal protective equipment:
Safety glasses. Gloves. Protective clothing. Protective 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. EN 166		
Type	**Field of application**	**Characteristics**
Safety glasses	Normal use conditions	
Chemical goggles or face shield	Droplet	

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

Respiratory protection:
No respiratory protection needed under normal use conditions

Personal protective equipment symbol(s):

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	:	Liquid
Appearance	:	No data available
Color	:	light yellow
Odor	:	Floral
Odor threshold	:	No data available
pH	:	0.9
Relative evaporation rate (butyl acetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	0 °C
Freezing point	:	0 °C
Boiling point	:	82.5 °C
Flash point	:	No data available
Auto-ignition temperature	:	365 °C
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not applicable
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	1.036
Solubility	:	Soluble in the following materials: cold water and hot water. Diethyl ether. Acetone. Partially soluble. Methanol.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	157 mPa·s at room temperature
Explosion limits	:	No data available

9.2. Other information

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	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	None under recommended storage and handling conditions (see section 7).
Incompatible materials	:	metals. Alkalines.
Hazardous decomposition products	:	Attacks many metals forming flammable/explosive gas (HYDROGEN!).
Hardening time:	:	No additional information available

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

Phosphoric acid (7664-38-2)	
LD50 oral rat	3500 mg/kg

Phosphoric acid (7664-38-2)	
LD50 oral	1530 mg/kg body weight
LD50 dermal rabbit	2740 mg/kg
LD50 dermal	2740 mg/kg body weight
ATE CA (oral)	1530 mg/kg body weight
ATE CA (Dermal)	2740 mg/kg body weight

Sulphamic acid (5329-14-6)	
LD50 oral rat	2140 mg/kg body weight
LD50 oral	> 2000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight
LD50 dermal	> 2000 mg/kg body weight
ATE CA (oral)	2140 mg/kg body weight

Alcohols, C9-11, branched and linear, ethoxylated (>5-10 EO) (160901-09-7)	
LD50 dermal rat	> 2000 mg/kg body weight
LC50 Inhalation - Rat	> 1.6 mg/l air
ATE CA (oral)	500 mg/kg body weight

Skin corrosion/irritation : Causes severe skin burns.
pH: 0.9

Serious eye damage/irritation : Causes serious eye damage.
pH: 0.9

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Sulphamic acid (5329-14-6)	
NOAEL (animal/female, F1)	500 mg/kg body weight

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Alcohols, C9-11, branched and linear, ethoxylated (>5-10 EO) (160901-09-7)	
NOAEL (oral,rat,90 days)	≥ 500 mg/kg body weight

Aspiration hazard : Not classified

Symptoms/effects after skin contact : Burns.

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

Symptoms/effects after ingestion : Burns.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life.

Hazardous to the aquatic environment, short-term (acute) : Harmful to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Phosphoric acid (7664-38-2)	
LC50 - Fish [1]	75.1 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 - Other aquatic organisms [1]	> 100 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
Partition coefficient n-octanol/water (Log Pow)	-0.77

Sulphamic acid (5329-14-6)	
LC50 - Fish [1]	70.3 mg/l
EC50 - Crustacea [1]	71.6 mg/l
EC50 - Other aquatic organisms [1]	71.6 mg/l waterflea
EC50 - Other aquatic organisms [2]	29.5 mg/l
EC50 72h - Algae [1]	48 mg/l
EC50 72h - Algae [2]	33.8 mg/l
NOEC chronic fish	≥ 60 mg/l
NOEC (chronic)	19 mg/l
Partition coefficient n-octanol/water (Log Pow)	-4.34
LOEC (chronic)	34 mg/l

Alcohols, C9-11, branched and linear, ethoxylated (>5-10 EO) (160901-09-7)	
LC50 - Fish [1]	5 – 7 mg/l
EC50 - Crustacea [1]	2.5 mg/l
EC50 96h - Algae [1]	1.4 mg/l

12.2. Persistence and degradability

HG scale away foam spray	
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.

12.3. Bioaccumulative potential

Phosphoric acid (7664-38-2)	
Partition coefficient n-octanol/water (Log Pow)	-0.77

Sulphamic acid (5329-14-6)	
Partition coefficient n-octanol/water (Log Pow)	-4.34

12.4. Mobility in soil

Phosphoric acid (7664-38-2)	
Partition coefficient n-octanol/water (Log Pow)	-0.77

Sulphamic acid (5329-14-6)	
Partition coefficient n-octanol/water (Log Pow)	-4.34

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
UN1760	1760	1760	1760
14.2. Proper Shipping Name			
CORROSIVE LIQUID, N.O.S. (CONTAINS : Phosphoric acid)	Corrosive liquids, n.o.s. (CONTAINS : Phosphoric acid)	CORROSIVE LIQUID, N.O.S. (CONTAINS : Phosphoric acid)	Corrosive liquid, n.o.s. (CONTAINS : Phosphoric acid)
Transport document description			
UN1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : Phosphoric acid), 8, II	UN1760 Corrosive liquids, n.o.s. (CONTAINS : Phosphoric acid), 8, II	UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS : Phosphoric acid), 8, II	UN 1760 Corrosive liquid, n.o.s. (CONTAINS : Phosphoric acid), 8, II
14.3. Transport hazard class(es)			
8	8	8	8
			
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Special precautions for user

TDG
UN-No. (TDG) : UN1760

TDG Special Provisions	:	16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards 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) of Part 3 (Documentation). 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) of Part 4 (Dangerous Goods Safety Marks). (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	:	154

DOT

UN-No.(DOT)	:	UN1760
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)	:	
DOT Packaging Non Bulk (49 CFR 173.xxx)	:	
DOT Packaging Bulk (49 CFR 173.xxx)	:	
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	
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’’

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
Properties and observations (IMDG)	:	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 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Phosphoric acid (7664-38-2)

Listed on the Canadian DSL (Domestic Substances List)

Sulphamic acid (5329-14-6)

Listed on the Canadian DSL (Domestic Substances List)

Alcohols, C9-11, branched and linear, ethoxylated (>5-10 EO) (160901-09-7)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

15.2. International regulations

Phosphoric acid (7664-38-2)

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

Sulphamic acid (5329-14-6)

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

Alcohols, C9-11, branched and linear, ethoxylated (>5-10 EO) (160901-09-7)
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

Issue date : 10-29-2021

Other information : 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 H-phrases:	
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
NOAEC	No-Observed Adverse Effect Concentration

Abbreviations and acronyms:	
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
ThOD	Theoretical oxygen demand (ThOD)
SDS	Safety Data Sheet

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.