

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product identifier:**

Mixture

Mixture name:

**TERMARUST TR2200HS HRCSA PENETRANT/SEALER**

Product form:

Low viscosity oily liquid

**Relevant identified uses of the substance or mixture and uses advised against:**

Sector of Use:

SU3 Industrial Uses

Product Category:

PC24 Lubricants, greases, release products  
PC25 Metal working fluids

Process Category:

PROC7 Industrial Spraying and/or PROC10 Brushing

Environmental release Category:

ERC2 Formulation of preparations

Application of the mixture:

Anti-Corrosive Active Rust Mitigation Penetrant/Sealer for structural steel protection on pack rusted joints, crevices, back to back angles, corrosion frozen bearings or steel tubing.

**Uses advised against:**

No available information according to the Regulations: UN GHS, (EU) 2015/830, REACH, HCS in USA and WHMIS in Canada.

The product is not intended for residential usage. Do not use for any purpose other than shown in the applicable sections of this SDS without first referring to the supplier and obtaining written handling instructions.

**Details of the supplier of the safety data sheet:**

**TERMARUST TECHNOLOGIES INC. / TECHNOLOGIES TERMARUST INC.**

8150 de L'Industrie Street,  
Anjou (Montreal), Quebec, Canada H1J 1S7  
T 514-354-1376 – F 514-354-2799  
Toll Free (in America): 1-888-279-5497  
[info@termarust.com](mailto:info@termarust.com)

**Emergency telephone number:**

Emergency number

Termarust Technical Dept. 001 514 - 354-1376

Canutec 001 613 - 996 – 6666

### SECTION 2: Hazards identification

**Classification of the substance or mixture:**

*Not considered a Flammable or Combustible liquid given Flash point is at 140.5°C (284.9°F)*

*Acute Tox. Inhal. 5 H333 May be harmful if inhaled.*

*Skin Irrit. 1 H317 May cause an allergic skin reaction.*

*Eye Irrit. 2B H320 Causes eye irritation.*

*Asp. Tox. 4 H302 Harmful if swallowed and enters airways.*

**Label elements:**

**GHS Label elements:**

*The product is classified and labelled according to the Globally Harmonized System (GHS) and CLP regulation (EC) No 1272/2008*



GHS07

**Signal word:** Warning

**Hazard-determining components of labelling:**

<b>Reaction product:</b>	Dipropylene glycol dibenzoate	Concentration 05 - 08%	EC no. 248-258-5	CAS no. 27138-31-4
	Sulfonic acids, petroleum, calcium salts	Concentration 08 - 25%	EC no. 263-093-9	CAS no. 61789-86-4

**Hazard Statement:**

May be harmful if inhaled.

Causes eye irritation.

May cause an allergic skin reaction.

Harmful if swallowed and enters airways.



# TERMARUST TR2200HS HRCSA

## Safety Data Sheet (SDS)

according to Regulations: UN GHS, (EU) 2015/830, Annex II of REACH, HCS in USA, and WHMIS in Canada

Revision: May 10, 2017

Version: 3.0 EN

### SECTION 2: Hazards identification (Cont'd)

#### Precautionary statements:

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.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapors.
P271	Use in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P313+P330+P331	IF SWALLOWED: Get medical advice. Rinse mouth. Do NOT induce vomiting.
P302+P361+P352+P363	IF ON SKIN: Wash skin with plenty of soap and water/shower. Take off immediately all contaminated clothing. Obtain medical attention if symptoms occurs or persist. Wash contaminated clothing before reuse.
P305+P351+P338+P313	IF IN EYES: Rinse cautiously with water for 15 minutes holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention
P304+P340+P314	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER and get medical advice if you feel unwell.
P501	Dispose of content/containers in accordance with local regulations.

#### Other hazards:

Other hazards not otherwise classified: None Known

### SECTION 3: Composition/information on ingredients

#### Chemical characterization:

#### Mixtures

**Description of the mixture:** TR2200HS HRCSA Penetrant/Sealer is a mixture of substances listed below with nonhazardous additions.

#### Hazardous ingredients:

Substance name	CAS No.	INDEX No.	EC No.	Concentration	Harmonized Classification according to Regulation (EU) 2015/830 including (EC) No. 1272/2008 [CLP]	SCL and/or M-factor
<i>Dipropylene glycol dibenzoate</i> <a href="#">REACH no.:</a> <a href="#">01-2119529241-49-0002</a>	27138-31-4	01-2119529241-49-0000	248-258-5	05 - 08 %	<b>Eye Irrit. 2, H319</b> (Causes serious eye irritation) <b>Asp Tox. 5, H303</b> (May be harmful if swallowed) <b>Aquatic Chronic 3, H412</b> (Harmful to aquatic life) <b>N, R51/53</b>	-
<i>Sulfonic acids, petroleum, calcium salts</i> <a href="#">REACH no.:</a> <a href="#">01-2119488992-18</a>	61789-86-4	-	263-093-9	08 – 25%	<b>Skin Sens. 1B, H317</b> (May cause allergic skin reaction) <b>Xi;R43</b>	-

#### Additional information:

This mixture does not contain further substances fulfilling the criteria of hazard class "acute toxicity" according to CLP regulation – ACHA and according to OSHA regulation in USA and WHMIS regulation in Canada.

Full text of H- and EUH-phrases: see SECTION 2 and SECTION 16.

### SECTION 4: First aid measures

#### Description of first-aid measures:

First-aid measures general:	Remove affected person to uncontaminated area
First-aid measures after inhalation:	Assure fresh air breathing. Obtain medical attention if breathing difficulty persist.
First-aid measures after skin contact:	Wash IMMEDIATELY with plenty of water and soap. Take off all contaminated clothing and shoes. Seek medical attention/advice if irritation, redness or a burning sensation develops and persists. Wash clothing before reuse
First-aid measures after eye contact:	IMMEDIATELY flush eyes with running water during 15 minutes holding eyelids open during flushing. If irritation persists obtain medical attention.
First-aid measures after ingestion:	Do not attempt to give anything by mouth to an unconscious person. If victim is alert and not convulsing, rinse mouth. Do not induce vomiting. IMMEDIATELY contact local Poison Control Centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. IMMEDIATELY transport victim to an emergency facility.

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

No additional information available

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

No additional information available



# TERMARUST TR2200HS HRCSA

## Safety Data Sheet (SDS)

according to Regulations: UN GHS, (EU) 2015/830, Annex II of REACH, HCS in USA, and WHMIS in Canada

Revision: May 10, 2017

Version: 3.0 EN

### SECTION 5: Firefighting measures

#### Extinguishing media:

Suitable extinguishing media: Carbon dioxide, Foam, Powder or water spray

Unsuitable extinguishing media: Do not use water with full jet.

#### Special hazards arising from the substance or mixture:

Fire hazard: Not considered a Flammable or Combustible liquid given Flash point is above 94°C (200°F)  
Keep cool. Vapors may be ignited by sparks, flames or other sources of ignition if temperature of the mixture is above the flash point.

Hazardous combustion products: Hazardous fumes will be present; carbon oxides, and sulfur oxides.

#### Advice for firefighters:

Protective actions: Promptly evacuate the area. If possible without risk, move containers from fire area.  
Do not use water except as a fog/spray to cool fire exposed containers.

Protective equipment: Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

#### Additional information:

Do not dispose of fire-fighting water in the environment.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

##### For non-emergency personnel:

Protective equipment: Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Emergency procedures: Evacuate surrounding area. Exclude sources of ignition and ventilate the area. Prevent unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist.

##### For emergency responders:

Personal protective equipment: Wear recommended personal protective equipment, clothing, and gloves. See section 8 for information on suitable and unsuitable materials. See also procedures for non-emergency personnel.

#### Environmental precautions:

Avoid dispersal of spilled material and contact with soil, drains, sewers and waterways. Inform the relevant authorities in case of pollution by the product.

#### Methods and material for containment and cleaning up:

For containment: Stop leak if without risk. Move containers from the spill area. Confine the spill to a small area using absorbents (sand, earth, vermiculite). Spill socks and absorbents may be placed around drains as needed.

Methods for cleaning up: Be sure to wear appropriate equipment and respiratory protection. Collect the residue using a brush and scoop and place material in into a suitable disposal container. Wash away remainder with plenty of water.

Other information: Dispose of contaminated material according to local regulations.

#### Reference to other sections:

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

##### Protective measures:

Do not handle until all safety precautions have been read and understood. Store and use away from heat, flame and all other ignition source. Wear appropriate personal protective equipment. Do not get in eyes or on skin or clothing (Mildly irritant mixture). Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### Advice on general occupational hygiene:

Do not eat, drink and smoke in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

#### Conditions for safe storage Including any incompatibilities:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination and sources of ignition.

### SECTION 8: Exposure controls/personal protection

#### Control parameters:

#### Occupational exposure limits:

Substance name	EC-No.	CAS-No.	Occupational exposure limit value		Monitoring and observation processes	Peak limitation
			8 hours	Short term		
<i>Dipropylene glycol dibenzoate</i>	248-258-5	27138-31-4	N/A	-	Follow Standard monitoring procedures	No biological exposure limit noted for the substance
Chemical Name	ACGIH TLV		OSHA PEL		NIOSH IDLH	
<i>Dipropylene glycol dibenzoate</i>	N/A		N/A		N/A	

Substance name	EC-No.	CAS-No.	Occupational exposure limit value		Monitoring and observation processes	Peak limitation
			8 hours	Short term		
<i>Sulfonic acids, petroleum, calcium salts</i>	263-093-9	61789-86-4	N/A	-	Follow Standard monitoring procedures	No biological exposure limit noted for the substance
Chemical Name	ACGIH TLV		OSHA PEL		NIOSH IDLH	
<i>Sulfonic acids, petroleum, calcium salts</i>	N/A		N/A		N/A	

#### Exposure controls:

#### Appropriate engineering controls:

General and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Maintain airborne contaminants levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure and emergency shower must be available when handling this product.

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

#### General Information:

#### Use personal protective equipment as required:



#### Eye/face protection:

Wear tight fitting safety glasses (or goggles) or full facial screen

#### Skin protection:

- Hand protection:
- Other:

Wear appropriate chemical resistant gloves. Nitrile rubber gloves.

Wear appropriate chemical resistant clothing in case of repeated or prolonged exposure:

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

#### Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Do not smoke

**Environmental exposure controls:** Environmental manager must be informed of all major releases.



# TERMARUST TR2200HS HRCSA

## Safety Data Sheet (SDS)

according to Regulations: UN GHS, (EU) 2015/830, Annex II of REACH, HCS in USA, and WHMIS in Canada

Revision: May 10, 2017

Version: 3.0 EN

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties:

##### Appearance:

Physical state	: Viscous Liquid
Color	: Clear yellow-ochre
Odor	: Slight Hydrocarbon Solvent
Odor threshold	: Not available
pH	: Not available
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: 300°C (572°F)
Flash point	: 140.5°C (284.9°F)
Relative evaporation rate	: <1 (butyl acetate=1)
Upper/Lower explosive (flammable) limits	: Not available
Vapor pressure (mm)	: 2 mm Hg at 20°C
Vapor density	: 1 (Air = 1)
Relative density	: 0.990 – 1.035 at 20°C
Solubility	: Negligible 0-1% in water. Soluble in petroleum solvents.
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: Not established
Decomposition temperature	: Not established
Viscosity, kinematic	: Not established
Viscosity, dynamic	: 24-30 seconds #4 Ford cup
Explosive properties	: Not applicable
Oxidizing properties	: Not applicable

##### Other information:

### SECTION 10: Stability and reactivity

**Reactivity:** Not considered a Flammable or Combustible liquid given Flash point is at 140.5°C (284.9°F)

**Chemical stability:** Stable under normal conditions of use.

**Possibility of hazardous reactions:** Hazardous reactions will not occur under normal use and normal storage conditions.

**Conditions to avoid:** Contamination and elevated temperatures

**Incompatible materials:** Strong oxidizing agents, Hypochlorite's, Chlorine, Chromic Acid.

**Hazardous decomposition products:** Under normal use and normal storage conditions, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### Information on toxicological effects:

##### Acute toxicity:

**Dipropylene glycol dibenzoate (CAS 27138-31-4) (EC # 248-258-5):** May be harmful if swallowed - Category 5

Inhalation LC50	Species	Oral LD50	Species	Dermal LD50	Species
>200 mg/L (aerosol, 4 hours)	Rat/ adult	3914 mg/kg	Rat/ adult	>2000 mg/kg	Rat/ adult
<b>Skin corrosion/irritation: Not classified</b>		Slight irritant	Rabbit/ adult		
<b>Eye damage/irritation: Not classified</b>		Slight irritant	Rabbit/ adult		
<b>Skin sensitization: Not classified</b>		Non-sensitizer	Guinea Pig/ adult		

**Sulfonic acids, petroleum, calcium salts (CAS 61789-86-4) (EC # 263-093-9):**

Inhalation: Not classified	Species	Oral LD50	Species	Dermal LD50	Species
>1,9mg/L (Mist, 4 hours)	Rat	16000 mg/kg	Rat	4000 mg/kg	Rat

**Sensitization:** May cause sensitization by skin contact.



# TERMARUST TR2200HS HRCSA

## Safety Data Sheet (SDS)

according to Regulations: UN GHS, (EU) 2015/830, Annex II of REACH, HCS in USA, and WHMIS in Canada

Revision: May 10, 2017

Version: 3.0 EN

### SECTION 11: Toxicological information (Cont'd)

#### Information on toxicological effects: (Cont'd)

##### Other information:

<b>Assessment / Classification:</b>	Not classified	(No REACH Annex XVII restrictions / Contains no REACH candidate substance)
<b>Skin corrosion/irritation:</b>	Not classified	May cause skin irritation.
<b>Serious eye damage/eye irritation:</b>	Not classified	Direct contact with eyes may cause temporary irritation.
<b>Respiratory sensitisation:</b>	Not classified	May cause slight irritation to the respiratory tract and to other mucous membranes.
<b>Skin sensitisation:</b>	Not classified	May cause slight skin irritation.
<b>Germ cell mutagenicity:</b>	Not classified	There is no evidence of mutagenic potential.
<b>Carcinogenicity:</b>	Not classified	This product is not considered a carcinogen by IARC, ACGIH, NTP, NIOSH or OSHA.
<b>Reproductive toxicity:</b>	Not classified	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity -- single exposure:</b>	Not classified.	
<b>Specific target organ toxicity -- repeated exposure:</b>	Not classified.	
<b>Aspiration hazard:</b>		Harmful if swallowed and enters airways.
<b>Mixture versus substance available information:</b>		No information available
<b>Other information:</b>		None known

### SECTION 12: Ecological information

<b>Toxicity:</b>	Due to partial or complete lack of data the classification for hazardous to the aquatic environment, is not possible. Due to partial or complete lack of data the classification for hazardous to the aquatic environment, acute hazard, is not possible.
<b>Persistence and degradability:</b>	Not readily biodegradable.
<b>Bioaccumulative potential:</b>	No further relevant information available
<b>Mobility in soil:</b>	No data available.
<b>Other adverse effects:</b>	
<b>Additional Ecotoxicological information:</b>	No additional information available

### SECTION 13: Disposal considerations

<b>Waste treatment methods:</b>	
<b>Product / Packaging disposal:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
<b>Residual waste:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.
<b>Contaminated packaging:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>Waste treatment options:</b>	The product is not listed and not regulated however, the waste of the product should be treated as hazardous waste. The code should be assigned in discussion between the user, the producer and the waste disposal company. It is suggested to treat as:
<b>EU waste code:</b>	<b>13 02 05*</b> Mineral-based non-chlorinated engine, gear and lubricating oils <b>or</b> <b>12 01 07*</b> Mineral-based machining oils free of halogens (except emulsions and solutions) <b>15 01 10*</b> Packaging containing residues of or contaminated by dangerous substances
<b>Other disposal recommendations:</b>	Dispose of contents/container in accordance with local/regional/national/international regulations. Do not allow product to reach drains or sewage systems.

### SECTION 14: Transport information

#### In accordance with ADR / RID / ADN / IMDG / ICAO / IATA / DOT / OSHA / TDG / WHMIS

<b>UN number:</b>	Not listed	Not classified	Not regulated for transport	Not considered hazardous
<b>UN proper shipping name:</b>	Not listed	Not classified		
<b>Transport hazard class:</b>	Not listed	Not classified		
<b>Packing group:</b>	Not listed	Not classified		
<b>Environmental hazards:</b>	Not listed	Not classified		
<b>Special precautions:</b>	Read safety instructions, SDS and emergency procedures before handling			



# TERMARUST TR2200HS HRCSA

## Safety Data Sheet (SDS)

according to Regulations: UN GHS, (EU) 2015/830, Annex II of REACH, HCS in USA, and WHMIS in Canada

Revision: May 10, 2017

Version: 3.0 EN

### SECTION 14: Transport information (Cont'd)

#### Additional information:

For user ADR and RID: Product is not regulated

For user ADN and IATA: Product is not regulated

For user ICAO: Product is not regulated

For user IMDG: Product is not regulated

For user DOT and OSHA:  
Emergency Response Guidebook (ERG): Product is not regulated

For user TDG and WHMIS:  
Emergency Response Guidebook (ERG): Product is not regulated

For user Transport in bulk according to Annex II of Marpol and the IBC Code ADN: ADR: IATA: IMDG: RID: Not available.

### SECTION 15: Regulatory information

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

The product is classified and labelled in accordance with the following regulations and this Safety Data Sheet complies with their requirements:

#### UN-Regulation:

The United Nation Globally Harmonized System of Classification and Labelling of Chemicals (UN GHS);

#### EU-Regulation:

The European Commission Regulation (EU) 2015/830 which amended both following regulations:

- the Regulation on classification, labelling and packaging of substances and mixtures (EC) No 1272/2008 ("CLP Regulation" or "CLP") and
- the European Commission Regulation (EU) No 453/2010 which amended Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Contains no REACH substances with Annex XVII restrictions

Contains no REACH Annex XIV candidate substance

Contains no REACH Annex XIV substances

#### Other regulations:

United States Hazard Communication Standards (HCS) in USA;

Workplace Hazardous Materials Information System (WHMIS 2015) in Canada.

#### National regulations:

Product is not listed. No additional information

#### Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

### SECTION 16: Other information

Indication of changes: This document has undergone significant changes and should be reviewed in its entirety.

#### Abbreviations and acronyms:

<b>ACGIH TLV</b>	Threshold limit value (TLV) of a chemical substance is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse effects. TLV is a reserved term of the American Conference of Governmental Industrial Hygienists (ACGIH).
<b>Acute Tox. Inhal. #</b>	Acute Toxicity Inhalation Category #
<b>ADN</b>	International Carriage of Dangerous Goods by Inland Waterway (ADN)
<b>ADR</b>	Accord européen relatif au transport international des marchandises Dangereuses par Route. In English: European Agreement on the International Carriage of Dangerous Goods by Road.
<b>Asp. Tox. #</b>	Aspiration hazard Category #
<b>CAS No.</b>	Registry number assigned by Chemical Abstracts Service to every chemical substance
<b>Class.: DSD</b>	Classification under Dangerous Substances Directive" / Substance Directive 67/548/EEC
<b>CLP</b>	CLP Regulation (for "Classification, Labelling and Packaging") a European Union regulation from 2008, which aligns the European Union system of chemical substances and mixtures to the Globally Harmonised System (GHS).
<b>cps or cP</b>	Centipoise (viscosity unit of measurement)
<b>DOT</b>	The United States Department of Transportation (USDOT or DOT)
<b>EAC</b>	Emergency Action Code (EAC) known as Hazchem code: A warning plate system used in Australia, Malaysia, New Zealand and United Kingdom for vehicles transporting hazardous substances, and on storage facilities.
<b>ECHA</b>	European Chemicals Agency
<b>EC No.</b>	European Community Number
<b>EC Regulation</b>	European Community Regulation
<b>ERG</b>	Emergency Response Guidebook – used in Canada, Mexico, and the United States
<b>EU waste code</b>	European Waste Codes as specified in the List
<b>Eye Irrit. 2B</b>	Eye Irritant Category 2B: Mildly irritating to eyes
<b>HCS or HazCom</b>	The OSHA Hazard Communication Standard (HCS), also known as HazCom. A United States regulation that governs the evaluation and communication of hazards associated with chemicals in the workplace.

### SECTION 16: Other information (Cont'd)

#### Abbreviations and acronyms: (Cont'd)

<b>HRCSA</b>	High Ratio Co-Polymerized Calcium Sulfonate Alkyd
<b>IARC</b>	International Agency for Research on Cancer is a part of the World Health Organization.
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organisation
<b>IMDG</b>	International Maritime Dangerous Goods Code
<b>IMO</b>	International Maritime Organization
<b>LC50</b>	Lethal concentration, may be expected that causes the death of 50% (one half) of a population
<b>LD50</b>	Lethal Dose, may be expected that causes the death of 50% (one half) of a population
<b>Marpol</b>	International Convention for the Prevention of Pollution from Ships (MARPOL).
<b>M-factor</b>	Multiplying factors for substances classified as hazardous to the aquatic environment
<b>MFSU</b>	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings.
<b>mg/kg</b>	Milligrams per kilogram of bodyweight
<b>mg/l or mg/L</b>	Milligrams per liter
<b>mg/m<sup>3</sup></b>	Milligrams per cubic meter
<b>mm</b>	Millimeters
<b>N; R51/53</b>	Dangerous to the environment; Toxic to aquatic organisms /May cause long-term adverse effects in the aquatic environment
<b>NIOSH IDLH</b>	Immediately dangerous to life or health (IDLH) defined by the US National Institute for Occupational Safety and Health (NIOSH)
<b>NTP</b>	National Toxicology Program, part of the United States Department of Health and Human Services
<b>OSHA</b>	Occupational Safety and Health Administration in the United States of America
<b>OSHA PEL</b>	Permissible exposure established by the USA Occupational Safety and Health Administration
<b>pH</b>	A measure of acidity or alkalinity of water soluble substances (pH stands for 'potential of Hydrogen'). A pH value is a number from 1 to 14, with 7 as the middle (neutral) point. Values below 7 indicate acidity which increases as the number decreases, 1 being the most acidic.
<b>ppm</b>	Parts per million
<b>REACH</b>	Regulation of the European Union for Registration, Evaluation, Authorisation and Restriction of Chemicals
<b>RID</b>	Regulations concerning the international railway transport of dangerous goods
<b>SCL</b>	Specific concentration limit or M-factor
<b>SDS</b>	Safety Data Sheet
<b>Skin Irrit. #</b>	Skin Irritation Category #
<b>TDG</b>	Transportation of Dangerous Goods (Canada)
<b>TWA</b>	Time-Weighted Average
<b>UN number</b>	United Nations (UN) Numbers are four-digit numbers used to identify hazardous chemicals or classes of hazardous materials worldwide
<b>V.O.C.</b>	Volatile Organic Compound
<b>WHMIS</b>	Workplace Hazardous Materials Information System used in Canadian workplaces.
<b>Xi; R43</b>	Irritant; May cause sensitisation by skin contact

**Key literature references and sources for data:** Not Available

**Classification for mixtures and used evaluation method according to regulations (EU) 2015/830 incl. (EC) 1207/2008 [CLP]:**

See SECTION 2. (Classification).

**Relevant R-, H- and EUH-phrases (number and full text):**

See SECTION 2 and 3. (Classification)

#### Training advice:

Provide knowledge and skills to workers so that they may work safely with or near product at the workplace. Establish a program of instruction which, not only, provides training in specific work procedures, but also information about requirements for labels, SDS's and information of significance to worker health and safety.

#### Further information:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text..