

# **PURUS® Heavy Duty Extended Service SCA** Precharged Antifreeze/Coolant

Safety Data Sheet

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

Date of issue: 03/25/2015 Version: 1.0

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

**Product identifier** 1.1.

Product form : Mixture

: PURUS® Heavy Duty Extended Service SCA Precharged Antifreeze/Coolant Product name.

: PURUS® Heavy Duty Extended Service SCA Precharged 50/50 PREDILUTED Antifreeze/Coolant Synonyms

12 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Antifreeze, Coolant. Uses adviced against : See Section 16.

Details of the supplier of the safety data sheet:

KOST USA, Inc. Manufactured for:

1000 Tennessee Ave. AIOD

Cincinnati, 45229 - USA P.O. Box 1861 Montrose, CO 81402 T 1-800-661-9391 - F 1-513-492-5555 sales@kostusa.com - www.kostusa.com 970-240-4176

1.4. **Emergency telephone number** : 1-800-424-9300

CHEMTREC (24 HOURS)

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

### **GHS-US** classification

Acute Tox. 4 (Oral) H302 Skin Sens. 1 H317 Repr. 1B H360 STOT RE 2 H373

#### 2.2. Label elements

### **GHS-US labelling**

Hazard pictograms (GHS-US)





GHS07

GHS08

Signal word (GHS-US) : Danger.

Hazard statements (GHS-US) : H302 - Harmful if swallowed

> H317 - May cause an allergic skin reaction H360 - May damage fertility or the unborn child

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P260 - Do not breathe mist/vapours/spray P264 - Wash hands thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P272 - Contaminated work clothing should not be allowed out of the workplace P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301+P312 - If swallowed, call a doctor if you feel unwell P302+P352 - IF ON SKIN: Wash with plenty of soap and water P308+P313 - IF exposed or concerned: Get medical advice/attention

P314 - Get medical advice and attention if you feel unwell P321 - Specific treatment (see Section 4 on this label)

P330 - If swallowed, rinse mouth

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

P405 - Store locked up

P501 - Dispose of contents/container in accordance with local and national regulations

#### 2.3. Other hazards

No additional information available

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### 2.4. Unknown acute toxicity (GHS-US)

No data available

# **SECTION 3: Composition/information on ingredients**

### 3.1. Substances

Not applicable

### 3.2. Mixture

Components with health hazards above the applicable thresholds are shown. Exact concentrations withheld as trade secret.

Full text of H-phrases: see section 16

Name	Product identifier	%	GHS-US classification
Ethylene glycol	(CAS No) 107-21-1	80 – 99	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Diethylene glycol	(CAS No) 111-46-6	0 – 10	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
disodium tetraborate, anhydrous	(CAS No) 1330-43-4	0.01 – 0.5	Repr. 1B, H360
sodium mercaptobenzothiazole	(CAS No) 2492-26-4	0.01 – 0.5	Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

## 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 : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing.

First-aid measures after skin contact : Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

First-aid measures after ingestion : Rinse mouth. Call a POISON CENTER/doctor/physician if you feel unwell.

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

Symptoms/injuries : May damage fertility or the unborn child. Causes damage to organs through prolonged or

repeated exposure.

Symptoms/injuries after inhalation : Inhalation may cause: irritation, coughing, shortness of breath.

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.

Symptoms/injuries after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

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

All treatments should be based on observed signs and symptoms of distress in the patient.

## **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

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

# 5.2. Special hazards arising from the substance or mixture

Fire hazard : No specific fire or explosion hazard.

Explosion hazard : Product is not explosive.

Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter

drains or water courses.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear

a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

## **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all eyes and skin contact and do not breathe vapour and mist.

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### 6.1.1. For non-emergency personnel

Protective equipment : Chemical goggles or safety glasses. Clothing impervious to chemical penetration. Wear suitable

gloves resistant to chemical penetration.

Emergency procedures : Evacuate unnecessary personnel.

### 6.1.2. For emergency responders

Protective equipment : Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Where

excessive vapour, mist, or dust may result, use approved respiratory protection equipment.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up

in non-combustible absorbent material and shove into container for disposal.

### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing mist/vapours/spray. Do not handle until all safety precautions have been read

and understood. Obtain special instructions before use.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with

mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before

reuse.

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

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when

not in use.

Incompatible products : Strong acids. Strong oxidizers. Strong bases.

Incompatible materials : Sources of ignition.

Prohibitions on mixed storage : Keep away from incompatible materials.

# 7.3. Specific end use(s)

Antifreeze. Coolant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

All applicable Exposure Limits that have been determined for this product are shown.

Ethylene glycol (107-21-1)		
USA ACGIH	ACGIH Ceiling (mg/m³)	100 mg/m³
USA ACGIH	ACGIH Ceiling (ppm)	39.4 ppm
USA ACGIH	Remark (ACGIH)	URT & eye irr

disodium tetraborate, anhydrous (1330-43-4)		
USA ACGIH	ACGIH TWA (mg/m³)	2 mg/m³
USA ACGIH	ACGIH STEL (mg/m³)	6 mg/m³
USA ACGIH	Remark (ACGIH)	Varies URT irr
USA OSHA	OSHA PEL (TWA) (mg/m3)	10 mg/m <sup>3</sup> 8 hours

# 8.2. Exposure controls

Appropriate engineering controls : Avoid creating mist or spray. Avoid splashing. Either local exhaust or general room ventilation is

usually required.

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear suitable gloves resistant to chemical penetration. nitrile rubber gloves.

Eye protection : In case of splashing or aerosol production: protective goggles.

Skin and body protection : Wear suitable protective clothing. Impervious clothing.

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Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is

recommended. Use an approved respirator equipped with oil/mist cartridges.

Other information : Do not eat, drink or smoke when using this product.

# SECTION 9: Physical and chemical properties

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

Physical state : Liquid
Appearance : Free & clear.

Colour : Blue. Green. Fuchsia. Clear to pale yellow.

Odour : No data available
Odour threshold : No data available

pH : 10.2 - 10.8 50/50 in water

Relative evaporation rate (butylacetate=1) : No data available Melting / freezing point : -36.9 - -36.4 °C Boiling point : No data available

Flash point : 116 °C

Self ignition temperature : No data available Decomposition temperature : No data available : No data available Flammability (solid, gas) Vapour pressure No data available Relative vapour density at 20 °C : No data available Specific gravity at 20 °C : 1.01 - 1.131 Solubility : No data available Log Pow : No data available : No data available Viscosity : No data available **Explosive limits** 

# 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

# 10.1. Reactivity

No dangerous reactions known.

# 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

# 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

# 10.4. Conditions to avoid

Avoid excessive heat or cold. Keep away from sources of ignition.

# 10.5. Incompatible materials

Strong oxidizing agents. Strong bases. Strong acids.

# 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

ATE (oral)

# SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

PURUS <sup>®</sup> Heavy Duty Extended Service SCA Precharged 50/50 PREDILUTED Antifreeze/Coolant	
ATE (oral)	500.000 mg/kg bodyweight
Ethylene glycol (107-21-1)	
LD50 oral rat	7712 mg/kg
LD50 dermal rat	> 3500 mg/kg mouse
LC50 inhalation rat (mg/l)	> 2.5 mg/l/4h

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500.000 mg/kg bodyweight

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Diethylene glycol (111-46-6)		
LD50 oral rat	19600 mg/kg	
LD50 dermal rat	13300 mg/kg	
LC50 inhalation rat (mg/l)	> 4.6 mg/l/4h	
ATE (oral)	500.000 mg/kg bodyweight	
ATE (dermal)	13300.000 mg/kg bodyweight	
disodium tetraborate, anhydrous (1330-43-4)		
LD50 oral rat	3450 mg/kg male	
LD50 dermal rabbit	> 2000 mg/kg no deaths occurred	
LC50 inhalation rat (mg/l)	> 2.03 mg/l 5h - no deaths occurred	
ATE (oral)	3450.000 mg/kg bodyweight	
sodium mercaptobenzothiazole (2492-26-4)		
LD50 oral rat	2100 mg/kg male	
LD50 dermal rabbit	> 7940 mg/kg New Zealand White Rabbit	
ATE (oral)	2100.000 mg/kg bodyweight	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitisation	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Ethylene glycol (107-21-1)		
IARC group	Not listed in carcinogenicity class	
Reproductive toxicity	: May damage fertility or the unborn child.	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: May cause damage to organs through prolonged or repeated exposure.	
Ethylene glycol (107-21-1)		
NOAEL (oral,rat,90 days)	150 mg/kg bodyweight/day kidney	
disodium tetraborate, anhydrous (1330-43-4)		
LOAEL (oral,rat,90 days)	58.5 mg/kg bodyweight/day	
NOAEL (oral,rat,90 days)	17.5 mg/kg bodyweight/day	
Aspiration hazard	: Not classified	
Symptoms/injuries after inhalation	: Inhalation may cause: irritation, coughing, shortness of breath.	
	: May cause an allergic skin reaction.	
Symptoms/injuries after eye contact	Direct contact with the eyes is likely irritating.	
Symptoms/injuries after ingestion	Swallowing a small quantity of this material will result in serious health hazard.	
Likely routes of exposure	: Inhalation. Skin and eyes contact.	
SECTION 12: Ecological information	·	

# SECTION 12: Ecological information

#### 12.1. Toxicity

10 TOXIONY		
Ethylene glycol (107-21-1)		
LC50 fishes 1	72860 mg/l Pimephales promelas	
EC50 Daphnia 1	> 100 mg/l	
NOEC chronic fish	15380 mg/l Pimephales promelas	
NOEC chronic crustacea	8590 mg/l Ceriodaphnia sp.	
Diethylene glycol (111-46-6)		
LC50 fishes 1	75200 mg/l	
EC50 Daphnia 1	> 10000 mg/l	
disodium tetraborate, anhydrous (1330-43-4)		
LC50 fishes 1	74 mg/l 96h Limanda limanda	
sodium mercaptobenzothiazole (2492-26-4)		
LC50 fishes 1	1.87 mg/l 96h	

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### 12.2. Persistence and degradability

PURUS® Heavy Duty Extended Service SCA Precharged 50/50 PREDILUTED Antifreeze/Coolant		
Persistence and degradability	Not readily biodegradable.	
Ethylene glycol (107-21-1)		
Persistence and degradability	Readily biodegradable.	
Diethylene glycol (111-46-6)		
Persistence and degradability	Readily biodegradable.	

#### 12.3. Bioaccumulative potential

Ethylene glycol (107-21-1)		
Log Pow	- 1.36	
Bioaccumulative potential	Not expected to bioaccumulate.	
Diethylene glycol (111-46-6)		
Bioconcentration factor (BCF REACH)	100	
Log Pow	-1.98	

Bioaccumulative potential	Not expected to bloaccumulate.	
sodium mercaptobenzothiazole (2	92-26-4)	
Log Pow	2.42	

## 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## **SECTION 14: Transport information**

In accordance with DOT

Not considered a dangerous good for transport regulations

Additional information

Other information : No supplementary information available.

ADR

Transport document description : Not applicable

Transport by sea

No additional information available

Air transport

No additional information available

# SECTION 15: Regulatory information

# 15.1. US Federal regulations

Ethylene glycol (107-21-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	5000 lb	
SARA Section 313 - Emission Reporting	>95%	

# Diethylene glycol (111-46-6)

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

# disodium tetraborate, anhydrous (1330-43-4)

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

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### sodium mercaptobenzothiazole (2492-26-4)

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

### 15.2. International regulations

#### **CANADA**

# PURUS® Heavy Duty Extended Service SCA Precharged 50/50 PREDILUTED Antifreeze/Coolant

WHMIS Classification

Class D Division 2 Subdivision B - Toxic material causing other toxic effects

### Ethylene glycol (107-21-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### Diethylene glycol (111-46-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### disodium tetraborate, anhydrous (1330-43-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### sodium mercaptobenzothiazole (2492-26-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### **EU-Regulations**

### Ethylene glycol (107-21-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### Diethylene glycol (111-46-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

#### disodium tetraborate, anhydrous (1330-43-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

## sodium mercaptobenzothiazole (2492-26-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral) H302 STOT RE 2 H373

Full text of H-phrases: see section 16

### Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R22

### 15.2.2. National regulations

# Ethylene glycol (107-21-1)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on the AICS (the Australian Inventory of Chemical Substances).

Listed on Taiwan National Chemical Inventory

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on KECI (Chemical Inventory of Korea)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

### Diethylene glycol (111-46-6)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on the AICS (the Australian Inventory of Chemical Substances).

Listed on Taiwan National Chemical Inventory

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on KECI (Chemical Inventory of Korea)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

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# disodium tetraborate, anhydrous (1330-43-4)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on Taiwan National Chemical Inventory

Listed on KECI (Chemical Inventory of Korea)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on the AICS (the Australian Inventory of Chemical Substances).

### sodium mercaptobenzothiazole (2492-26-4)

Listed on Inventory of Existing Chemical Substances (IECSC)

Listed on Taiwan National Chemical Inventory

Listed on KECI (Chemical Inventory of Korea)

Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.

Listed on Inventory of Chemicals and Chemical Substances (PICCS)

Listed on New Zealand - Inventory of Chemicals (NZIoC)

Listed on the AICS (the Australian Inventory of Chemical Substances).

#### 15.3. US State regulations

No additional information available

# **SECTION 16: Other information**

## Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

End-use applications **NOT** supported by Kost USA, Inc. for monoethylene glycol, diethylene glycol and triethylene glycol. These limitations include products restricted by law, applications in which may raise unacceptable risks, and other applications which Kost USA, Inc. has decided not to, including minimizing unnecessary risk and liabilities to the company. Kost USA, Inc. does not knowingly market these products into these non-supported applications. This list is not all-inclusive, and Kost USA, Inc. reserves the right to modify the same at any time.

- The use of production of tobacco and in the manufacture of tobacco products (including but not limited to additives, humectants, filters, inks, and paper)
- The use for the generation of artificial smoke / theatrical fogs / mist. This includes applications such as artificial / e-cigarettes.
- The use as ingredient in fuel for warming foods (Sterno<sup>™</sup>-like application) or in fuel for heating an enclosed space where human exposure is
  possible.
- The use in fire extinguishing sprinkler systems.
- The use in the manufacture of munitions.
- The use in the production of de-icers for use on roadways, sidewalks and in aircraft lavatories.
- The use as a component of heat transfer fluids in systems where the heat transfer fluids could infiltrate (i.e., via an exchanger leak, backflow
  prevention failure, or other means) a potable water.
- The use as a non-reacted component in a formulation for direct internal or external human / animal contact, including, but not limited to ingestion, inhalation, and skin contact and in medical / veterinary devices and medial / veterinary. Examples of some such applications are uses as a direct component in foods, beverages, pharmaceuticals, cosmetics, personal care products or children's products.
- The use for consumer or hospital usage for deodorizing or air "purifying" purposes by spraying as an aerosol.
- The use as a non-reacted component in adhesives, plasticizers, and softening agents for packaging having direct contact with food or beverage.
- The use as a non-reacted component in the formulation of glues, pastes, ice / heat packs or other items where the potential for significant human contact and/or ingestion exists (including but not limited to children's school glue/paste or arts/craft glue/paste, toys, children products).
- The use as a fluid for pressure testing piping.

For more information contact your Kost USA, Inc. representative.

Indication of changes : Original Document.

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Data sources

: ESIS (European chemincal Substances Information System; accessed at:

http://esis.jrc.ec.europa.eu/index.php?PGM=cla. ACGIH 2000.

European Chemicals Agency (ECHA) Registered Substances list. Accessed at

http://echa.europa.eu/.

Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing",

Fifth Edition.

National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.

OSHA 29CFR 1910.1200 Hazard Communication Standard.

TSCA Chemical Substance Inventory. Accessed at

http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html. United Nations Economic Commission for Europe: About the GHS. Accessed at

 $http://www.unece.org/trans/danger/publi/ghs/ghs\_welcome\_e.html.\\$ 

: ACGIH (American Conference of Government Industrial Hygienists).

ATE: Acute Toxicity Estimate.

CAS (Chemical Abstracts Service) number. CLP: Classification, Labelling, Packaging.

LD50: Lethal Dose for 50% of the test population.

EC50: Environmental Concentration associated with a response by 50% of the test population.

GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).

OSHA: Occupational Safety & Health Administration.

TSCA: Toxic Substances Control Act. STEL: Short Term Exposure Limits. TWA: Time Weight Average.

: None.

Other information

Abbreviations and acronyms

## Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Repr. 1B	Reproductive toxicity Category 1B
Skin Corr. 1B	skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitisation Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given.

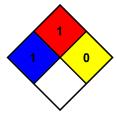
NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions,

and not reactive with water.



SDS US (GHS HazCom 2012)

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