

# SAFETY DATA SHEET TMS Oil 973

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1. Product identifier

Product name TMS Oil 973

Product number 12241

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Transmission oil.

Uses advised against This product must not be used in applications other than those recommended in Section 1, without first

seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. This product is designed only to suit automotive

applications and no provision is made for the requirements of aviation applications.

1.3. Details of the supplier of the safety data sheet

Supplier PETROL OFISI A.Ş.

Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ Istanbul

Tel: +90 850 339 1919 Fax: +90 216 275 3854 madeniyag@petrolofisi.com.tr

Contact person Customer Services: madeniyag@petrolofisi.com.tr

Manufacturer PETROL OFISI A.Ş.

Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ Istanbul

Tel: +90 850 339 1919 Fax: +90 216 275 3854 madeniyag@petrolofisi.com.tr

1.4. Emergency telephone number

Emergency telephone Madeni Yağ Müşteri Hizmetleri: 0850 339 19 19 (mesai saatleri)

National emergency telephone

number

Emergency Medical Services: 112 National Poison Consultance Center: 114

### SECTION 2: Hazards identification

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

Classification (EC 1272/2008)

Physical hazards Not Classified

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Aquatic Chronic 3 - H412

**Environmental** The product is not expected to be hazardous to the environment.

2.2. Label elements



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

#### Hazard pictograms



**Hazard statements** H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/ attention.

P501 Dispose of contents/ container in accordance with national regulations.

#### 2.3. Other hazards

Not applicable.

### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50)

80-95%

CAS number: 74869-22-0 EC number: 278-012-2

See Section 8 for occupational exposure limits.

Classification

Not Classified

Calcium branched chain alkyl phenate sulfide

1-5%

CAS number: — EC number: 291-829-9

Classification

Aquatic Chronic 4 - H413

Zinc alkyldithiophosphate

1-5%

CAS number: 68649-42-3 EC number: 272-028-3

Classification

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411



### **TMS Oil 973**

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

p-dodecylphenol <1%

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361 Aquatic Acute 1 - H400

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

Composition comments Some substances are not classified by legistlation. They are self classified by the manufacturer. The

DMSO extract by IP 346 of the oil is less than 3%

Ingredient notes If REACH registration numbers do not appear the substance is either exempt from registration, does not

meet the minimum

volume threshold for registration, the registration date has not yet come due or this information is

proprietary.

### SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** Get medical attention if any discomfort continues.

Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any

discomfort continues.

**Ingestion** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly

with water. Get medical attention if any discomfort continues.

**Skin contact** Remove affected person from source of contamination. Remove contaminated clothing. Wash skin

thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Remove affected person from source of contamination. Remove any contact lenses and open eyelids

wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information Not applicable.

InhalationNo specific symptoms known.IngestionNo specific symptoms known.Skin contactNo specific symptoms known.Eye contactNo specific symptoms known.

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

Notes for the doctor Not applicable.

**Specific treatments** Treat symptomatically.

#### SECTION 5: Firefighting measures



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3.

Oxides of carbon. Oxides of nitrogen.

Hazardous combustion products None known.

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours.

Special protective equipment for

firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

#### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

For non-emergency personnel Necessary precautions should be taken to ensure that non-educated personnel do not intervene.

For emergency responders Notification: In case of spillage, notify the local authorities as appropriate or as necessary. Stop the

leakage source if it can be done without risk.Limit spillage to prevent further contamination of soil, surface or ground water.Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection.Use suitable techniques such as non-flammable absorbent materials or pumping.When possible or appropriate, remove the contaminated soil from the area.Place contaminated products in disposable boxes and dispose of in accordance with regulations.If a

heated material is spilled, allow it to cool before handling with disposal methods.

6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush

contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or

watercourses.

6.4. Reference to other sections

**Reference to other sections** For waste disposal, see section 13.

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes.

Advice on general occupational

hygiene

Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.

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

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original

container.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) Not applicable.

**Usage description** The product must be used as specified in the data sheet.

#### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### Occupational exposure limits

Mineral Oil- inhalable fraction: TWA: 5 mg/m3 (Source:US. ACGIH Threshold Limit Values (02 2012)) Distillates (petroleum) hydrotreated heavy paraffinic: EU OEL (Europe) TWA: 5 mg/m3, 8 hours.

Distillates (petroleum) solvent-dewaxed heavy paraffinic: EU OEL (Europe) TWA: 5 mg/m3, 8 hours/ STEL: 10 mg/m3, 15 minutes.

### Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50)

None of the components has assigned exposure limits.

Ingredient comments WEL = Workplace Exposure Limits

Biological limit values

There is no available data.

DNEL

No information available.

DMEL

No information available.

PNEC

No information available.

Lubricating Oils, complex combination of hydrocarbons obtained from solvent extraction and dewaxing.(C15-C50) (CAS: 74869-22-0)

Ingredient comments There is no approximate limit value for this product. Steam, fog or smoke should be controlled

to the lowest possible level.

No information available.

Biological limit values

No information available.

DNEL

No information available.

No information available.

# 8.2. Exposure controls

### Protective equipment







Appropriate engineering controls

**PNEC** 

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Personal protection Keep away from foodstuffs, beverages and foods. Instantly remove any soiled and impregnated

garments. Wash hands during breaks and at the end of the work. Store protective clothing separately. Personal protective equipment (PPE) should meet recommended national standards. Check with PPE

suppliers. The effectiveness of personal protective equipment, together with other elements, depends on the degree of ventilation. Depending on the particular situation in question,

Get professional support.

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact

is possible. The following protection should be worn: Chemical splash goggles or face shield.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk

assessment indicates skin contact is possible.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before

eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use

appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection No specific recommendations. Respiratory protection may be required if excessive airborne contamination

occurs.

Thermal hazards If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with

high temperatures.

requirements of environmental protection legislation. Store in a demarcated bunded area to prevent

release to drains and/or watercourses.

# SECTION 9: Physical and chemical properties

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

Appearance Liquid.

Colour Yellow.

**Odour** Characteristic.

Odour threshold No specific test data are available.

**pH** Scientifically unjustified.

Melting pointNo specific test data are available.Initial boiling point and rangeNo specific test data are available.

Flash point 256°C OC (Open cup).

Evaporation rate

No specific test data are available.

Evaporation factor

No specific test data are available.

Flammability (solid, gas) No specific test data are available.

Upper/lower flammability or

explosive limits

No specific test data are available.

Other flammabilityNo specific test data are available.Vapour pressureNo specific test data are available.Vapour densityNo specific test data are available.



### **TMS Oil 973**

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Relative density 0,898 g/ml @ 15°C

**Bulk density** No specific test data are available.

Solubility(ies) Insoluble in water.

Partition coefficient No specific test data are available. Auto-ignition temperature No specific test data are available. **Decomposition Temperature** No specific test data are available.

Viscosity 9,3-12,5 cSt @ 100°C

**Explosive properties** Not considered to be explosive.

Explosive under the influence of a No information available.

flame

Oxidising properties No information available. Comments No information available.

Particle characteristic Not applicable.

9.2. Other information

Other information The information given is for the final product.

Refractive index No specific test data are available. Particle size No specific test data are available. Molecular weight No specific test data are available. Volatility No specific test data are available. Saturation concentration No specific test data are available. Critical temperature No specific test data are available. Volatile organic compound No specific test data are available.

## SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not applicable.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidising agents.

10.5. Incompatible materials

Materials to avoid Not applicable.

10.6. Hazardous decomposition products



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Hazardous decomposition

products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other health effects No relevant information available.

**Toxicological effects** Information given is based on data of the components and of similar products.

Acute toxicity - oral

Summary Based on available data the classification criteria are not met.

Notes (oral LD₅o) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Summary

Based on available data the classification criteria are not met.

Notes (dermal LD<sub>50</sub>)

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Summary

Based on available data the classification criteria are not met.

Notes (inhalation LC<sub>50</sub>)

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Human skin model test

Summary

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Animal data Based on available data the classification criteria are not met.

**Extreme pH** Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation

**Summary** Based on available data the classification criteria are not met.

Respiratory sensitisation

Summary Based on available data the classification criteria are not met.

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

SummaryBased on available data the classification criteria are not met.Skin sensitisationBased on available data the classification criteria are not met.

Germ cell mutagenicity

Summary

Based on available data the classification criteria are not met.

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Summary

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Target organ for carcinogenicity No specific target organs known.

IARC carcinogenicity

Based on available data the classification criteria are not met.

NTP carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Summary

Based on available data the classification criteria are not met.

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity 
development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary

Based on available data the classification criteria are not met.

STOT - single exposure

Based on available data the classification criteria are not met.

Target organs

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

SummaryBased on available data the classification criteria are not met.STOT - repeated exposureBased on available data the classification criteria are not met.Target organsBased on available data the classification criteria are not met.

Aspiration hazard

Summary Based on available data the classification criteria are not met.

Aspiration hazard Based on available data the classification criteria are not met.

**Toxicokinetics** No information required.

General information Information given is based on data of the components and of similar products.

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following

overexposure may include the following: Coughing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** May cause temporary eye irritation.

Acute and chronic health hazards No information required.

Route of exposure Not specific

Target organs No information required.

Medical symptoms No information required.



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Medical considerations No information required

11.2 Information on other hazards

**Information on other hazards**This product does not have endocrine disrupting properties.

#### SECTION 12: Ecological information

**Ecotoxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

**Toxicity** There is not enough data.

Acute aquatic toxicity

**Summary** Based on available data the classification criteria are not met.

Acute toxicity - fish No specific test data are available.

Acute toxicity - aquatic

invertebrates

No information required.

Acute toxicity - aquatic plants

Acute toxicity - microorganisms

Scientifically unjustified.

Acute toxicity - terrestrial

Scientifically unjustified.

Chronic aquatic toxicity

**Summary** Calculation method.

Chronic toxicity - fish early life

stage

Supplier's information.

Short term toxicity - embryo and

sac fry stages

Supplier's information.

Chronic toxicity - aquatic

invertebrates

Supplier's information.

Toxicity to soil Supplier's information.

Toxicity to terrestrial plants Supplier's information.

12.2. Persistence and degradability

Persistence and degradability Uygun bilgi yok.

**Phototransformation** Based on available data the classification criteria are not met.

**Stability (hydrolysis)**Based on available data the classification criteria are not met.

**Biodegradation** Based on available data the classification criteria are not met.

Biological oxygen demand Based on available data the classification criteria are not met.

Chemical oxygen demand Based on available data the classification criteria are not met.

12.3. Bioaccumulative potential

Bioaccumulative potential Uygun bilgi yok.

Partition coefficient No specific test data are available.



### **TMS Oil 973**

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

12.4. Mobility in soil

**Mobility** The product is immiscible with water and will spread on the water surface.

Adsorption/desorption coefficient Based on available data the classification criteria are not met.

Henry's law constant Based on available data the classification criteria are not met.

**Surface tension** Based on available data the classification criteria are not met.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

Not applicable.

12.6 Endocrine disrupting

properties

**Endocrine disrupting properties** This product does not have endocrine disrupting properties.

12.6. Other adverse effects

Other adverse effects Not known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information The packaging must be empty (drop-free when inverted).

**Disposal methods**Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste

Disposal Authority.

Waste class

The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

# SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,

ADR/RID).

Road transport notes Avoid releasing into the environment.

Rail transport notes Not classified.

Sea transport notes Do not release into the environment.

Air transport notes Not classified.

14.1. UN number

UN number or ID number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

## Transport labels

No transport warning sign required.



### **TMS Oil 973**

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Maritime transport in bulk

according to IMO instruments

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and

Not applicable.

the IBC Code

#### SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation** REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No

1907/2006.

**Guidance** Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

Health and environmental listings Hazardous ingredients are listed.

Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

Not applicable.

### SECTION 16: Other information



### **TMS Oil 973**

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (ÉÙ) 2020/878 of 18 June 2020.

Abbreviations and acronyms used E.U.: European union

in the safety data sheet

DMSO: Dimethyl sulfoxide

KKE: Personal protective aquipment

T.C.: Republic of Turkey

UZEM: National Poison Information Center

CAS: Chemical Abstracts Service. DNEL: Derived No Effect Level.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD₅o: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No

1907/2006

vPvB: Very Persistent and Very Bioaccumulative. EC50: 50% of maximal Effective Concentration.

Classification abbreviations and

acronyms

Acute Tox. = Acute toxicity Asp. Tox. = Aspiration hazard

STOT SE = Specific target organ toxicity-single exposure STOT RE = Specific target organ toxicity-repeated exposure

Skin Corr. = Skin corrosion Skin Sens. = Skin sensitisation Skin Irrit. = Skin irritation Eye Dam. = Serious eye damage

Eye Irrit. = Eye irritation

Carc. = Carcinogenicity

Aguatic Acute = Hazardous to the aguatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Repr. = Reproductive toxicity

General information

Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters. MSDS Distribution: The information in this document should be made available to all who may handle the product. Uses and Restrictions: This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. Disclaimer: 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.

Key literature references and

sources for data

This SDS is prepared based on the information received from raw material suppliers.

Classification procedures according to Regulation (EC) 1272/2008

Aquatic Chronic 3 - H412: Calculation method.

Training advice Untrained personnel should not use.

Revised classification. **Revision comments** 

Issued by Sena Ezgi Selçuk Chemical Assessment Specialist (Certificate No: KDU01.29.06 17.12.2027)

Revision date 25/03/2024

Revision 5



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Supersedes date 13/06/2011

SDS number 10114

Hazard statements in full H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child if swallowed.

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.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.