

SAFETY DATA SHEET

PRIMESOL XS

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Compilation date: 16/09/2015

Sent to: Prime Lubricants

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PRIMESOL XS

Product code: T 1065

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

1.3. Details of the supplier of the safety data sheet

Company name: Prime Lubricants Ltd
Unit 13, Oakney Wood Avenue
Selby Business Park, Selby
North Yorkshire
YO8 8FQ

Tel: 0044 (0)1757 706996

Fax: 0044 (0)1757 707994

Email: sales@primelubricants.co.uk

1.4. Emergency telephone number

Emergency tel: 0044 (0)1270 8111311 / 0044(0)7884060249

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



Precautionary statements: P264: Wash skin thoroughly after handling.

[cont...]

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P273: Avoid release to the environment.

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

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

MONOETHANOLAMINE BORATE

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|---|---------|
| 247-421-8 | 26038-87-9 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10% |

ALCOHOL ETHOXYLATE

| | | | | |
|-----------|------------|---|--|-------|
| 500-213-3 | 68439-50-9 | - | Eye Dam. 1: H318; Aquatic Chronic 1: H410; Aquatic Acute 1: H400 | 1-10% |
|-----------|------------|---|--|-------|

ALKYL DICARBOXYLATE IONIC COMPLEX SECONDARY AMINE FREE

| | | | | |
|-----------|------------|---|---------------------|-------|
| 282-908-9 | 84471-25-0 | - | Skin Irrit. 2: H315 | 1-10% |
|-----------|------------|---|---------------------|-------|

SAFRAFOS P 950

| | | | | |
|---|-----------|---|---|-------|
| - | 9046-01-9 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10% |
|---|-----------|---|---|-------|

1,3,5-TRIS(2-HYDROXYETHYL)HEXAHYDRO-1,3,5-TRIAZINE

| | | | | |
|-----------|-----------|---|--|-------|
| 225-208-0 | 4719-04-4 | - | Acute Tox. 4: H302; Skin Sens. 1: H317 | 1-10% |
|-----------|-----------|---|--|-------|

ALKANOLAMINE CARBOXYLATE CONDENSATE

| | | | | |
|-----------|------------|---|---|-------|
| 282-908-9 | 84471-25-0 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10% |
|-----------|------------|---|---|-------|

FUNGICIDE

| | | | | |
|-----------|------------|---|--|-----|
| 259-627-5 | 55406-53-6 | - | Eye Dam. 1: H318; Acute Tox. 4: H302; Skin Sens. 1A: H317; Aquatic Acute 1: H400 | <1% |
|-----------|------------|---|--|-----|

Non-classified ingredients:

BASE OIL

| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|--------|------------|---------------------|--------------------|---------|
| - | 64742-53-6 | - | Asp. Tox. 1: H304 | 10-30% |

[cont...]

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SORBITAN MONO OLEATE

| | | | | |
|-----------|-----------|---|---|-------|
| 215-665-4 | 1338-43-8 | - | - | 1-10% |
|-----------|-----------|---|---|-------|

Contains: Contains 3-Iodo-2-propynyl butylcarbamate C
8H12INO2 MW : 281.07g/mol

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.

Inhalation: Not thought to be a concern. Albeit, the user must carry out risk assessment to determine the level of cutting fluid "MIST" in the atmosphere to be within guide limits.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: If proper ventilation is available then inhalation problems should not be a concern. If no extraction of vapour from the machine tool then simply when opening the doors to the machine tool, step back for 15 seconds to allow dissipation of vapour.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Combustible.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Control release of this material with sand or water. Do not allow to enter drains or any water sources i.e rivers. Dispose as industrial waste.

[cont...]

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Observe good hygiene practices and use a suitable barrier cream at regular intervals.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Plastic / Metal

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: This product contains volatile ethanolamines and therefore is always good practice to use respiratory protection if poor levels of extraction from area of use.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Fluorescent Green

Odour: Bland

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

[cont...]

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Viscosity: Non-viscous

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: >180

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 1.040 typ

pH: 9.0 dil

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Protect from frost

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

1,3,5-TRIS(2-HYDROXYETHYL)HEXAHYDRO-1,3,5-TRIAZINE

| | | | | |
|-----|-----|------|-----|-------|
| ORL | RAT | LD50 | 763 | mg/kg |
| SKN | RAT | LD50 | >2 | gm/kg |

FUNGICIDE

| | | | | |
|-----|-----|------|---|---|
| ORL | RAT | LD50 | - | - |
|-----|-----|------|---|---|

[cont...]

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Relevant hazards for substance:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Respiratory/skin sensitisation | DRM | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: If proper ventilation is available then inhalation problems should not be a concern. If no extraction of vapour from the machine tool then simply when opening the doors to the machine tool, step back for 15 seconds to allow dissipation of vapour.

Other information: The labelling of this material relates to the concentrated material within the packaging. The product when diluted in water will not require the same risk and safety requirements.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Send to registered waste disposal site using services of a registered waste disposal contractor.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

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Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.