

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** SPECTROPRIME RED (A)

**Company name:** PROXL

SECOND AVENUE

CHATHAM

KENT

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ENGLAND

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## 2. HAZARDS IDENTIFICATION

**Main hazards:** Extremely flammable. Irritating to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** XYLENE 1-10%

EINECS: 215-535-7 CAS: 1330-20-7

[-] R10; [Xn] R20/21; [Xi] R38

- 2-METHOXY-1-METHYLETHYL ACETATE 1-10%

EINECS: 203-603-9 CAS: 108-65-6

[-] R10; [Xi] R36

- DIMETHYL ETHER (\*WEL) 10-30%

EINECS: 204-065-8 CAS: 115-10-6

[F+] R12

- ACETONE 10-30%

EINECS: 200-662-2 CAS: 67-64-1

[F] R11; [Xi] R36; [-] R66; [-] R67

- PROPANE (\*WEL) 1-10%

EINECS: 200-827-9 CAS: 74-98-6

[F+] R12

**SAFETY DATA SHEET**

SPECTROPRIME RED (A)

- ETHYL METHYL KETONE 1-10%  
EINECS: 201-159-0 CAS: 78-93-3  
[F] R11; [Xi] R36; [-] R66; [-] R67
- BUTANE (\*WEL) 1-10%  
EINECS: 203-448-7 CAS: 106-97-8  
[F+] R12
- ISOBUTANE (\*WEL) 1-10%  
EINECS: 200-857-2 CAS: 75-28-5  
[F+] R12
- BUTAN-1-OL 1-10%  
EINECS: 200-751-6 CAS: 71-36-3  
[-] R10; [Xn] R22; [Xi] R37/38; [Xi] R41; [-] R67
- ETHYL ACETATE 1-10%  
EINECS: 205-500-4 CAS: 141-78-6  
[F] R11; [Xi] R36; [-] R66; [-] R67
- N-BUTYL ACETATE (\*WEL) 1-10%  
EINECS: 204-658-1 CAS: 123-86-4  
[-] R10; [-] R66; [-] R67
- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT  
NAPHTHA (PETROLEUM), LIGHT AROM. 1-10%  
EINECS: 265-199-0 CAS: 64742-95-6  
[T] R46; [Xn] R65; [-] R10; [Xi] R37; [N] R51/53
- TRIZINC BIS(ORTHOPHOSPHATE) <1%  
EINECS: 231-944-3 CAS: 7779-90-0  
[N] R50/53

**4. FIRST AID MEASURES**

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**5. FIRE-FIGHTING MEASURES**

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.
- Exposure hazards:** In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** XYLENE

UK - 8 hour TWA: 220 mg/m<sup>3</sup>

UK - 15 min. STEL: 441 mg/m<sup>3</sup>

- 2-METHOXY-1-METHYLETHYL ACETATE

UK - 8 hour TWA: 274 mg/m<sup>3</sup>

UK - 15 min. STEL: 548 mg/m<sup>3</sup>

- DIMETHYL ETHER

UK - 8 hour TWA: 766 mg/m<sup>3</sup>

UK - 15 min. STEL: 958 mg/m<sup>3</sup>

- ACETONE

UK - 8 hour TWA: 1210 mg/m<sup>3</sup>

UK - 15 min. STEL: 3620 mg/m<sup>3</sup>

- PROPANE

UK - 8 hour TWA: 1800 mg/m<sup>3</sup>

UK - 15 min. STEL: 7200 mg/m<sup>3</sup>

- ETHYL METHYL KETONE

UK - 8 hour TWA: 600 mg/m<sup>3</sup>

UK - 15 min. STEL: 899 mg/m<sup>3</sup>

**SAFETY DATA SHEET**

SPECTROPRIME RED (A)

- BUTANE  
UK - 8 hour TWA: 1450 mg/m<sup>3</sup>  
UK - 15 min. STEL: 1810 mg/m<sup>3</sup>
- ISOBUTANE  
UK - 8 hour TWA: 2400 mg/m<sup>3</sup>  
UK - 15 min. STEL: 9600 mg/m<sup>3</sup>
- BUTAN-1-OL  
UK - 15 min. STEL: 154 mg/m<sup>3</sup>
- ETHYL ACETATE  
UK - 8 hour TWA: 200 ppm  
UK - 15 min. STEL: 400 ppm
- N-BUTYL ACETATE  
UK - 8 hour TWA: 724 mg/m<sup>3</sup>  
UK - 15 min. STEL: 966 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Aerosol

**Colour:** Red

**Odour:** Characteristic odour

**Solubility in water:** Not miscible

**Autoflammability°C:** 235

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Acute effects:** Irritating to eyes.

**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**12. ECOLOGICAL INFORMATION**

**Persistence and degradability:** Not biodegradable.

**Bioaccumulative potential:** Bioaccumulation potential.

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

**PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

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

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 1950

**ADR Class:** 2

**Classification code:** 5F

**Shipping name:** AEROSOLS

**Labelling:** 2.1

**IMDG / IMO**

**UN no:** 1950

**Class:** 2

**EmS:** F-D,S-U

**Marine pollutant:** .

**Labelling:** 2.1

**IATA / ICAO**

**UN no:** 1950

**Class:** 2

**Labelling:** 2.1

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.

Extremely flammable.



**Risk phrases:** R12: Extremely flammable.

R36: Irritating to eyes.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S38: In case of insufficient ventilation, wear suitable respiratory equipment.

**Precautionary phrases:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

**Haz. ingredients (label):** ACETONE; TRIZINC BIS(ORTHOPHOSPHATE)

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

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

**Risk phrases used in s.3:** R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R36: Irritating to eyes.

R12: Extremely flammable.

R11: Highly flammable.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

## SAFETY DATA SHEET

SPECTROPRIME RED (A)

R22: Harmful if swallowed.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R46: May cause heritable genetic damage.

R65: Harmful: may cause lung damage if swallowed.

R37: Irritating to respiratory system.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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.