



**SOFTOUCH - ALL SHADES****ENVIRONMENTAL PRECAUTIONS**

Not relevant considering the small amounts used.

**SPILL CLEAN UP METHODS**

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Flush with plenty of water to clean spillage area.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Avoid eating, drinking and smoking when using the product. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Container must be kept tightly closed.

**STORAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep in original container. Store in a cool and well-ventilated place.

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

| Name        | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|-------------|-----|----------|------------|----------|------------|
| PROPAN-2-OL | WEL | 400 ppm  | 999 mg/m3  | 500 ppm  | 1250 mg/m3 |

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

**HAND PROTECTION**

Protective gloves and goggles must be used if there is a risk of direct contact or splash.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENE MEASURES**

Eating, smoking and water fountains prohibited in immediate work area.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                               |                         |                               |                        |
|-------------------------------|-------------------------|-------------------------------|------------------------|
| APPEARANCE                    | Coloured liquid         |                               |                        |
| COLOUR                        | Dark Red Orange         |                               |                        |
| ODOUR                         | Slight odour of alcohol |                               |                        |
| SOLUBILITY                    | Soluble in water        |                               |                        |
| BOILING POINT (°C)            | 81-83 760 mm Hg         | RELATIVE DENSITY              | 0.960-0.980 (H20=1) 20 |
| VAPOUR DENSITY (air=1)        | >1                      | VAPOUR PRESSURE               | 33                     |
| EVAPORATION RATE              | >1 BuAc=1               | VOLATILE BY VOL. (%)          | 93                     |
| FLASH POINT (°C)              | 14 CC (Closed cup).     | FLAMMABILITY LIMIT - LOWER(%) | 2                      |
| FLAMMABILITY LIMIT - UPPER(%) | 12                      |                               |                        |

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**SOFTOUCH - ALL SHADES****HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION**

|                      |  |
|----------------------|--|
| TOXIC DOSE 1 - LD 50 | Accute Oral >2000 mg/kg (oral rat)                   |
| TOXIC DOSE 2 - LD 50 | Accute Dermal >2000 mg/kg (oral rat)                 |
| TOXIC CONC. - LC 50  | Vapour toxicity >20 mg/m <sup>3</sup> /30h (inh-rat) |

**HEALTH WARNINGS**

**INHALATION.** Gas or vapour may irritate respiratory system. **SKIN CONTACT.** Acts as a defatting agent on skin. May cause cracking of skin, and eczema. **EYE CONTACT.** May cause severe irritation to eyes. **INGESTION.** May cause stomach pain or vomiting.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

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

**MOBILITY**

The product is soluble in water.

**BIOACCUMULATION**

The product is not bioaccumulating.

**DEGRADABILITY**

The product is biodegradable.

**ACUTE FISH TOXICITY**

Not considered toxic to fish.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

The packaging must be empty (drop-free, when inverted)

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

|                      |                                 |                  |                             |
|----------------------|---------------------------------|------------------|-----------------------------|
| UK ROAD CLASS        | 3                               |                  |                             |
| PROPER SHIPPING NAME | ISOPROPANOL (ISOPROPYL ALCOHOL) |                  |                             |
| UN NO. ROAD          | 1219                            | UK ROAD PACK GR. | II                          |
| ADR CLASS NO.        | 3                               | ADR CLASS        | Class 3: Flammable liquids. |
| ADR PACK GROUP       | II                              | HAZARD No. (ADR) | 33                          |
| ADR LABEL NO.        | 3                               | HAZCHEM CODE     | 2YE                         |
| CEFIC TEC(R) NO.     | 30GF1-I+II                      | RID CLASS NO.    | 3                           |
| RID PACK GROUP       | II                              | UN NO. SEA       | 1219                        |
| IMDG CLASS           | 3                               | IMDG PAGE NO.    | 3                           |
| IMDG PACK GR.        | II                              | EMS              | F-E, S-D                    |
| MFAG                 | See Guide                       | MARINE POLLUTANT | No.                         |
| UN NO. AIR           | 1219                            | AIR CLASS        | 3                           |
| AIR PACK GR.         | II                              |                  |                             |

**15 REGULATORY INFORMATION****LABELLING**

**SOFTOUCH - ALL SHADES**

Irritant

## RISK PHRASES

R10 Flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

## SAFETY PHRASES

P11 Restricted to professional users.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S51 Use only in well-ventilated areas.  
S1/2 Keep locked up and out of the reach of children.

**16 OTHER INFORMATION**

REVISION DATE May 2007

## RISK PHRASES IN FULL

R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

## DISCLAIMER

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.