

SELFREEZ**K003****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product Code K003

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Product Name SELFREEZ

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2 HAZARDS IDENTIFICATION

R12 Extremely flammable., R66 Repeated exposure may cause skin dryness or cracking., R67 Vapours may cause drowsiness and dizziness., R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

Very high atmospheric concentrations of vapour may cause abnormal heart rhythm, anaesthetic effects and asphyxiation., Spray may cause freeze burns to skin & eyes.

Classification F+;R12. N;R51/53. R66,R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EINICS No. | CAS No. | Content | Classification |
|---------|------------|----------|----------|--------------------------------|
| PENTANE | 203-692-4 | 109-66-0 | 30 - 60% | F+;R12 Xn;R65 R66 R67 N;R51/53 |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

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| INHALATION | Move the exposed person to fresh air at once., Keep the affected person warm and at rest. Get prompt medical attention., For breathing difficulties oxygen may be necessary. |
| INGESTION | Rinse mouth thoroughly., Provide rest, warmth and fresh air. |
| SKIN CONTACT | Rinse with water., Get medical attention if any discomfort continues. |
| EYE CONTACT | Promptly wash eyes with plenty of water while lifting the eye lids., Continue to rinse for at least 15 minutes., Get medical attention if any discomfort continues. |

5 FIRE-FIGHTING MEASURES

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| EXTINGUISHING MEDIA | Use:, Powder., Dry chemicals, sand, dolomite etc., Water spray, fog or mist. |
| SPECIAL FIRE FIGHTING PROCEDURES | Containers close to fire should be removed or cooled with water., Use water to keep fire exposed containers cool and disperse vapours. |
| UNUSUAL FIRE & EXPLOSION HAZARDS | Aerosol cans may explode in a fire. |

6 ACCIDENTAL RELEASE MEASURES

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| PERSONAL PRECAUTIONS | Wear necessary protective equipment., Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate., If leakage cannot be stopped, evacuate area. |
| ENVIRONMENTAL PRECAUTIONS | Vapours are heavier than air and may spread along floors. Vapours may form explosive mixture with air. |

7 HANDLING AND STORAGE

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| USAGE PRECAUTIONS | Keep away from heat, sparks and open flame., Avoid spilling, skin and eye contact., Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. |
| USAGE DESCRIPTION | Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. |

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT**

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| ENGINEERING MEASURES | Provide adequate general and local exhaust ventilation. |
| HAND PROTECTION | Use protective gloves. |
| EYE PROTECTION | Wear approved safety goggles. |
| OTHER PROTECTION | General workwear only |

9 PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------|--|
| APPEARANCE | Aerosol |
| COLOUR | colourless |
| ODOUR | Almost odourless |
| PHYSICAL DATA COMMENTS | Information given relates to total aerosol container contents. |
| EVAPORATION RATE | FAST |

| | |
|--------------------------------|--------------------|
| VOLATILE BY VOL. (%) | 100 |
| pH-VALUE, CONC. SOLUTION | N/A |
| SOLUBILITY | Insoluble in water |
| FLASH POINT (°C) | <-45 |
| AUTO IGNITION TEMPERATURE (°C) | > 200 |
| FLAMMABILITY LIMIT - LOWER(%) | 1.4 |
| FLAMMABILITY LIMIT - UPPER(%) | 7.8 |

10 STABILITY AND REACTIVITY

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| STABILITY | Stable under normal temperature conditions., Avoid:, Shocks and physical damage. |
| CONDITIONS TO AVOID | Avoid heat, flames and other sources of ignition. |
| HAZARDOUS DECOMPOSITION PRODUCTS | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |

11 TOXICOLOGICAL INFORMATION

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| INHALATION | High concentrations of vapour even for short periods must be avoided since this may be dangerous and cause unconsciousness and prove suddenly fatal. |
| INGESTION | Highly unlikely - but will cause freeze burns. |
| SKIN CONTACT | Contact with liquid will cause freezing of body tissue and frostbite. |
| EYE CONTACT | Irritation is likely., Contact with liquid causes freezing of body tissue and frostbite |

12 ECOLOGICAL INFORMATION

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| ECOTOXICITY | Because product is so volatile if it is released into the environment the liquid would very quickly turn into vapour., Toxic to aquatic organisms., May cause long term adverse effects in the aquatic environment. |
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13 DISPOSAL CONSIDERATIONS

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| DISPOSAL METHODS | Empty containers must not be burned because of explosion hazard., Dispose of waste and residues in accordance with local authority requirements. |
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14 TRANSPORT INFORMATION

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| UN NO. ROAD | 1950 |
| UK ROAD CLASS | 2 |
| ADR CLASS NO. | 2 |
| ADR CLASS | Class 2: Gases |
| PROPER SHIPPING NAME | AEROSOLS, FLAMMABLE |
| UN NO. SEA | 1950 |
| IMDG CLASS | 2.1 |
| UN NO. AIR | 1950 |
| AIR CLASS | 2.1 |

15 REGULATORY INFORMATION

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| LABELLING |   <p>Extremely Flammable (F+) Dangerous for the Environment (N)</p> |
| RISK PHRASES | R12 Extremely flammable., R51/53 Toxic 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 | A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use., A2 Do not spray on a naked flame or any incandescent material., S16 Keep away from sources of ignition - No smoking., S23 Do not breathe vapour/spray., S24/25 Avoid contact with skin and eyes., S51 Use only in well-ventilated areas., S2 Keep out of the reach of children |
| STATUTORY INSTRUMENTS | Control of Substances Hazardous to Health., Chemicals (Hazard Information and Packaging) Regulations. |
| APPROVED CODE OF PRACTICE | Classification and Labelling of Substances and Preparations Dangerous for Supply. |
| GUIDANCE NOTES | Workplace Exposure Limits EH40., Introduction to Local Exhaust Ventilation HS(G)37., CHIP for everyone HSG(108). |

16 OTHER INFORMATION

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| GENERAL INFORMATION | The following risk phrases relate to the raw materials in the product and not the product itself:- |
| REVISION DATE | 08/03/2012 |
| REV. NO./REPL. SDS GENERATED | 11 |
| RISK PHRASES IN FULL | R12 Extremely flammable., R51/53 Toxic 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., R65 Harmful: ma] |