

HERITAGE

K158

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

Product Code K158

Manufacturer : Selden Research Limited
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Product Name HERITAGE

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2 HAZARDS IDENTIFICATION

R12 Extremely flammable.
 PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

Classification F+;R12.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EINICS No. | CAS No. | Content | Classification |
|--------------------------------------|------------|------------|----------|------------------|
| ALIPHATIC DISTILLATE | 265-150-3 | 64742-48-9 | 5 - 10% | Xn;R65. R10,R66. |
| BUTANE | 203-448-7 | 106-97-8 | 10 - 30% | F+;R12 |
| KEROSENE - NARROW CUT - NON AROMATIC | | 64742-47-8 | 5 - 10% | Xn;R65. R66. |

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., Drink plenty of water., Get medical attention. |
| SKIN CONTACT | Wash the skin immediately with soap and 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

| | |
|---------------------------|---|
| 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 | Any spillage needs to be contained and not allowed to enter water courses |

7 HANDLING AND STORAGE

| | |
|-------------------|--|
| 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

| Name | Std | TWA - 8 hrs | STEL - 15 min | Notes |
|--------|-----|-------------|---------------|--------------------------|
| BUTANE | WEL | 600 ppm | 750 ppm | 1450 mg/m3 1810 mg/m3 |

PROTECTIVE EQUIPMENT



| | |
|----------------------|--|
| ENGINEERING MEASURES | Provide adequate general and local exhaust ventilation. |
| HAND PROTECTION | , For prolonged or repeated skin contact use suitable protective gloves. |
| OTHER PROTECTION | General workwear only |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|--|
| APPEARANCE | Aerosol |
| COLOUR | White / off-white, Cream |
| PHYSICAL DATA COMMENTS | Information given relates to total aerosol container contents. |
| FLASH POINT (°C) | - 74 N/A. |
| AUTO IGNITION TEMPERATURE (°C) | + 405 |

FLAMMABILITY LIMIT - LOWER(%) 1.8
 FLAMMABILITY LIMIT - UPPER(%) 10.0

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions.
 CONDITIONS TO AVOID Avoid heat, flames and other sources of ignition., Increase in temperature to greater than 50 degrees will cause rise in internal pressure with likelihood of bursting/explosion.
 HAZARDOUS DECOMPOSITION PRODUCTS Fire creates:, Toxic gases/vapours/fumes of:, Carbon monoxide (CO), Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting., Gas or vapour displaces oxygen available for breathing (asphyxiant), Unconsciousness.
 SKIN CONTACT No specific health warnings noted.
 EYE CONTACT Irritation of eyes and mucous membranes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

UN NO. ROAD 1950
 UK ROAD CLASS 2
 ADR CLASS NO. 2 Class Code:5F Label: 2.1
 PROPER SHIPPING NAME AEROSOLS, FLAMMABLE
 UN NO. SEA 1950
 IMDG CLASS 2.1
 IMDG PACK GR. N/A
 UN NO. AIR 1950
 AIR CLASS 2.1
 AIR PACK GR. N/A

15 REGULATORY INFORMATION

LABELLING



Extremely Flammable (F+)

RISK PHRASES R12 Extremely flammable.
 SAFETY PHRASES S2 Keep out of the reach of children, S16 Keep away from sources of ignition - No smoking., S51 Use only in well-ventilated areas., S23 Do not breathe vapour/spray.
 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

GENERAL INFORMATION The following risk phrases relate to the raw materials in the product and not the product itself:-
 REVISION DATE 07/06/2006
 REV. NO./REPL. SDS GENERATED 6
 RISK PHRASES IN FULL R12 Extremely flammable.| R10 Flammable., R66 Repeated exposure may cause skin dryness or cracking., R65 Harmful: may cause lung damage if swallowed.| R66 Repeated exposure may cause skin dryness or cracking., R65 Harmful: may cause lung damage if swallowed.|