



SAFETY DATA SHEET 3 IN ONE PENETRANT SPRAY

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME 3 IN ONE PENETRANT SPRAY
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2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|---|-----------|------------|---------|--------------------------------|
| (L) ORANGE TERPENES | | 5989-27-5 | < 1% | Xn;R65. Xi;R38. N;R50/53. R10. |
| DISTILLATES (PETROLEUM) HYDROTREATED LIGHT | 265-149-8 | 64742-47-8 | 30-60% | Xn;R65. R66. |
| NAPHTHA (PETROLEUM) HYDROTREATED HEAVY | 265-150-3 | 64742-48-9 | 30-60% | Xn;R65. R10,R66,R67. |
| WHITE MINERAL OIL | 232-455-8 | 8042-47-5 | 1-5% | - |

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

3 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION R10, R66, R67.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. 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

EXTINGUISHING MEDIA

Use: Foam. Water spray, fog or mist. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Avoid water in straight hose stream; will scatter and spread fire.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

SPECIFIC HAZARDS

By fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with inert, damp, non-combustible material, then flush area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid inhalation of vapours/spray and contact with skin and eyes.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|-------------------|-----|----------|--------------------|----------|--------------|
| CARBON DIOXIDE | | | Asphyxiating | | Asphyxiating |
| WHITE MINERAL OIL | WEL | | 5 mg/m3 (Oil mist) | | |

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of spray.

RESPIRATORY EQUIPMENT

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

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------|----------------------------|
| APPEARANCE | Aerosol |
| COLOUR | Light (or pale) Amber |
| SOLUBILITY | Insoluble in water |
| FLASH POINT (°C) | 41.7°C TOC (Tag open cup). |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids. Strong alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO₂, NO_x) are formed.

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may cause drowsiness and dizziness.

3 IN ONE PENETRANT SPRAY**INGESTION**

May cause discomfort if swallowed. May cause stomach pain or vomiting.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product contains substances which contribute to global warming (greenhouse effect).

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk).

14 TRANSPORT INFORMATION

| | | | |
|----------------------|----------|------------------|----------------|
| UK ROAD CLASS | 2.1 | | |
| PROPER SHIPPING NAME | AEROSOLS | | |
| UN NO. ROAD | 1950 | UK ROAD PACK GR. | # |
| ADR CLASS NO. | 2.1 | ADR CLASS | Class 2: Gases |
| ADR PACK GROUP | # | ADR LABEL NO. | 2.1 |
| CEFIC TEC(R) NO. | 20G5F | RID CLASS NO. | 2.1 |
| RID PACK GROUP | # | UN NO. SEA | 1950 |
| IMDG CLASS | 2.1 | IMDG PACK GR. | # |
| EMS | F-D, S-U | MARINE POLLUTANT | No. |
| UN NO. AIR | 1950 | AIR CLASS | 2.1 |
| AIR PACK GR. | # | | |

15 REGULATORY INFORMATION**RISK PHRASES**

| | |
|-----|---|
| R10 | Flammable. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |

SAFETY PHRASES

| | |
|-----|---|
| S2 | Keep out of the reach of children |
| S16 | Keep away from sources of ignition - No smoking. |
| S23 | Do not breathe vapour/spray. |
| S37 | Wear suitable gloves. |
| S51 | Use only in well-ventilated areas. |
| A2 | Do not spray on a naked flame or any incandescent material. |
| A1 | Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. |

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. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

16 OTHER INFORMATION

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REVISION DATE 01-2006

REV. NO./REPL. SDS GENERATED 1 / 06-2003

RISK PHRASES IN FULL

- NC Not classified.
- R10 Flammable.
- R38 Irritating to skin.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER

The information and recommendations contained in this safety data sheet represent, to the best of our knowledge and belief, an accurate and reliable representation as to the known data for this preparation at the date of issue. The information is intended only as a guide for safe handling, use, processing, storage and release and is not to be considered a warranty or quality specification. It is the responsibility of the user to evaluate this information in a prudent manner and to use it in a manner that is consistent for his/her particular purpose.