

**SAFETY DATA SHEET****PREVENT****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

**PRODUCT NAME:** PREVENT

**PART No.:** HSE 4851 FP204

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**2 COMPOSITION/INFORMATION ON INGREDIENTS**

| INGREDIENT NAME   | EINECS No. | CAS No.    | CONTENTS | SYMBOL | RISK (R No.)      |
|---|------------|------------|----------|--------|-------------------|
| KEROSINE (PETROLEUM), SOLVENT-REFINED SWEETENED; KEROSINE - UNSPECI | 295-416-4  | 92045-36-8 | 10-30 %  | Xn     | 65                |
| PYRETHRINS INCLUDING CINERINS                                       |            |            | 1 %w/w   | Xn, N  | 20/21/22, 50/53   |
| PIPERONYL BUTOXIDE  | 200-076-7  | 51-03-6    | 5 %w/w   | NC     | 51/53             |
| d-LIMONENE  | 227-813-5  | 5989-27-5  | 0-1 %    | Xi, N  | 10, 38, 43, 50/53 |
| METHYLAL  | 203-714-2  | 109-87-5   | 5-10 %   | F      | 11                |

The full text for all R-phrases are shown in section 16.

**3 HAZARDS IDENTIFICATION**

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

**4 FIRST AID MEASURES**

**INHALATION:** Move the exposed person to fresh air at once. Place unconscious person on the side in the recovery position and ensure breathing. Obtain medical attention as a precaution.

**INGESTION:** DO NOT INDUCE VOMITING! If patient vomits, turn to recovery position give water to drink. Get medical attention.

**SKIN:** Wash skin with soap and water. Liquid may be irritating to persons with sensitive skin.

**EYES:** Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

**5 FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Fire can be extinguished using: Powder, foam or CO<sub>2</sub>.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water to keep fire exposed containers cool and disperse vapours. Be aware of danger of explosion.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Risk of explosion if heated.

**PROTECTIVE MEASURES IN FIRE:** Contain fire water by bunding area with sand or earth.

# PREVENT

## 6 ACCIDENTAL RELEASE MEASURES

### PRECAUTIONS TO PROTECT ENVIRONMENT:

Prevent entry into drains, sewers and watercourses.

### SPILL CLEANUP METHODS:

Extinguish any naked flames and sources of ignition. Absorb with sand or earth and sweep it up.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS:

Do not spray near a naked flame or incandescent surfaces. When using, do not eat, drink or smoke.

### STORAGE PRECAUTIONS:

Store away from seeds, fertilizers and animal feedstuffs. Keep out of reach of children. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

| INGREDIENT NAME | CAS No   | STD | LT EXP<br>(8 hrs) | ST EXP<br>(15 min) |
|-----------------|----------|-----|-------------------|--------------------|
| METHYLAL        | 109-87-5 | OES | 1000 ppm          | 1250 ppm           |

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Aerosol.

### ODOUR/TASTE:

Mild (or faint). Perfume.

### SOLUBILITY DESCRIPTION:

Immiscible with water.

### BOILING POINT (°C):

Gas liquified under pressure

### VOLATILITY DESCRIPTION:

Explosive when exposed to heat above 80°C

### FLASH POINT (°C):

Classified as NON-FLAMMABLE under the Aerosols Directive.

### AUTO IGNITION TEMPERATURE (°C):

250

## 10 STABILITY AND REACTIVITY

### STABILITY:

Stable at normal temperatures and pressures. Not reactive at normal temperatures and pressures.

## 11 TOXICOLOGICAL INFORMATION

### TOXIC DOSE1- LD50:

>5000mg/kg (oral rat)

### EYES:

Transient eye irritation may occur.

## 12 ECOLOGICAL INFORMATION

### ACUTE FISH TOXICITY:

Toxic to fish.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS:

Both full and empty containers present a flammable and explosion risk when heated and must not be incinerated. This product must be disposed of in accordance with Local and/or National Waste Disposal Regulations.

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## 14 TRANSPORT INFORMATION

**GENERAL:** Shipping Name: Aerosols, Non-Flammable N.O.S. (each not exceeding 1Ltr capacity)  
**ROAD:**  
**UN No:** 1950  
**HAZARD CLASS (ADR):** Class 2: Gases; Compressed, liquefied or dissolved under pressure.  
**MARGINAL:** Exempt: Marginal 2201a (2) (g)

**RAIL:**  
**SEA:**  
**SEA TRANSPORT CLASS No:** 2102

**AIR:**  
**AIR TRANSPORT CLASS No:** 2.2 Pck. Instr. 203 / Y203

## 15 REGULATORY INFORMATION

**RISK PHRASES:** R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES:** P-14 Contains d-LIMONENE. May produce an allergic reaction.  
S-2 Keep out of reach of children.  
S-23A Do not breathe gas/fumes/vapour/spray.  
S-25 Avoid contact with eyes.  
S-62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

## 16 OTHER INFORMATION

**USER NOTES:** The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

**ISSUED BY:** R. Winney  
**REVISION DATE:** 9th October 2002

**R-PHRASES (Full Text):**

|            |  |
|------------|--|
| R-10       | Flammable.   |
| R-11       | Highly flammable.  |
| R-38       | Irritating to skin.  |
| R-43       | May cause sensitisation by skin contact.   |
| R-20/21/22 | Harmful by inhalation, in contact with skin and if swallowed.                                    |
| R-50/53    | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R-51/53    | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.      |
| R-65       | Harmful: may cause lung damage if swallowed.   |

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