

# RAID Fly & Wasp Killer

Date Issued: 05Jun2003

**CLASSIFICATION: Extremely Flammable. Dangerous for the Environment (Symbol is not required).**

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## ----- 1 - PRODUCT IDENTIFICATION -----

BRAND NAME..... RAID Fly & Wasp Killer  
USE OF THE PREPARATION. Insecticide  
PACK CODE..... 108060  
REVISION..... 3  
DATE ISSUED..... 05Jun2003  
SUPERSEDES DATE..... 01Apr1999  
CHANGES SINCE LAST..... Bar (I) in the left margin denotes a revision from previous  
REVISION MSDS. 3 Hazards identification. 5 Fire-fighting measures. 6  
Accidental release measures. 7 Handling and storage. 12  
Ecological information. 15 Regulatory information.

## ----- 2 - COMPOSITION/INFORMATION ON INGREDIENTS -----

| INGREDIENT<br>CAS NO.                    | EINECS  | WEIGHT% | SYMBOL | R-PHRASES   |
|--|---------|---------|--------|-------------|
| BUTANE/PROPANE<br>68512-91-4             | 2709909 | 30-40   | F+     | R12         |
| HEAVY PETROLEUM DISTILLATE<br>64742-48-9 | 2651503 | 5-10    | Xn     | R65 R66     |
| TETRAMETHRIN<br>7696-12-0                | 2317116 | <0.5    | N      | R50 R53     |
| FRAGRANCE                                | -       | <0.5    | Xi N   | R43 R51 R53 |
| PHENOTHRIN<br>26002-80-2                 | 2474045 | <0.1    | N      | R50 R53     |

- (R12) Extremely Flammable.
- (R65) Harmful: may cause lung damage if swallowed.
- (R66) Repeated exposure may cause skin dryness or cracking.
- (R50) Very toxic to aquatic organisms.
- (R53) May cause long term adverse effects in the aquatic environment.
- (R43) May cause sensitisation by skin contact.
- (R51) Toxic to aquatic organisms.

## ----- 3 - HAZARDS IDENTIFICATION (Also See Section 11 & 12) -----

### SIGNS & SYMPTOMS:

INHALATION..... Spray mist, fog, or vapour may cause respiratory irritation. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

SKIN..... Prolonged contact may cause irritation.

EYE..... Prolonged contact may cause irritation.

INGESTION..... May cause abdominal discomfort.

PHYSICO-CHEMICAL..... Extremely Flammable.

### HAZARDS

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

**RAID Fly & Wasp Killer**

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**4 - FIRST AID MEASURES**

INHALATION..... Remove patient to fresh air. If difficulty or discomfort in breathing is experienced, get medical attention.

SKIN..... Wash affected area with plenty of soap and water.

EYES..... If substance has got into eyes, immediately wash out with plenty of water. Seek medical attention if irritation persists.

INGESTION..... Do not induce vomiting. Rinse mouth with water (do not swallow). Seek immediate medical attention.

**5 - FIRE-FIGHTING MEASURES**

EXTINGUISHER..... In case of fire use water spray or foam as appropriate to the circumstances.

SPECIAL PROCEDURES..... In case of fire and/or explosion do not breathe fumes.

SPECIAL HAZARDS..... Heating may cause an explosion. Carbon oxides may be formed.

OTHER WARNINGS..... Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate. Wear Breathing Apparatus.

**6 - ACCIDENTAL RELEASE MEASURES**

SPILL CONTROL..... If damage occurs to aerosol can: Shut off all ignition sources. Absorb spillage in suitable inert material. Do not absorb spillage in sawdust or other combustible material. Sweep or shovel-up spillage and remove to a safe place. Use non-sparking equipment. Take precautionary measures against static discharges. Clean residue from spill site.

PERSONAL PRECAUTIONS... Wear suitable gloves. Refer to current EN or National standard as appropriate. Wash thoroughly after dealing with spillage.

ENVIRONMENTAL..... Use appropriate containment to avoid environmental PROTECTION contamination. Do not allow material to enter drains, water courses, or flow onto open soil.

**7 - HANDLING AND STORAGE**

HANDLING..... Ensure adequate ventilation. Do not breathe spray/mists. Avoid contact with skin and eyes. Keep away from heat and sources of ignition. Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on or near naked flame or any incandescent material. Wash thoroughly after use.

STORAGE..... Keep out of reach of children. Store away from food, beverages and pet food. Keep away from heat and sources of ignition. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 deg C. Keep container in a well ventilated place.

CONDITIONS TO AVOID.... Keep away from heat.

MATERIALS TO AVOID..... None known.

**8 - EXPOSURE CONTROLS/SPECIAL PROTECTION**

EXPOSURE CONTROL..... Use only in well ventilated areas. May be necessary to control air contaminants to concentrations below listed occupational exposure limits with local exhaust ventilation.

EXPOSURE LIMITS.....

INGREDIENT

8 Hour TWA

15 Minute TWA

**RAID Fly & Wasp Killer**

Date Issued: 05Jun2003

## ----- 8 - EXPOSURE CONTROLS/SPECIAL PROTECTION (continued) -----

HEAVY PETROLEUM                    300 ppm Supplier recommended  
 DISTILLATE  
 (CAS# 64742-48-9)

## PROTECTIVE EQUIPMENT:

RESPIRATORY..... No special requirements.  
 HANDS/SKIN..... No special requirements.  
 EYES..... No special requirements.  
 GENERAL..... No special requirements.

## ----- 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOUR..... Not applicable.  
 PHYSICAL STATE..... Aerosol.  
 ODOUR..... Characteristic odour.  
 pH..... Not applicable.  
 FLASH POINT..... Not applicable.  
 EXPLOSIVE LIMITS %VOL.. Not determined.

## ----- 10 - STABILITY AND REACTIVITY -----

STABILITY..... Product is stable and unreactive under normal household  
 conditions of use.  
 CONDITIONS TO AVOID.... Keep away from heat and sources of ignition.  
 MATERIALS TO AVOID..... None known.  
 HAZARDOUS DECOMPOSITION PRODUCTS None identified.

## ----- 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

ESTIMATED LD50 (Oral)... >2 g/kg (intermediate)  
 ESTIMATED LD50 (Dermal) >2 g/kg (intermediate)  
 ESTIMATED LC50..... > 200 mg/l  
 (Inhalation)  
 INHALATION..... Intentional misuse by deliberately concentrating and inhaling  
 contents can be harmful or fatal. Spray mist, fog, or vapour may  
 cause respiratory irritation.  
 SKIN..... May cause irritation.  
 EYES..... May cause irritation.  
 INGESTION..... May cause abdominal discomfort.

## ----- 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL..... This preparation is Classified as Environmentally Hazardous  
 CLASSIFICATION according to Directive 1999/45/EC, as amended. Harmful to  
 aquatic organisms. May cause long term adverse effects in the  
 aquatic environment.  
 SUMMARY..... On the basis of available information this preparation is not  
 expected to produce any significant adverse environmental  
 effects, when used as directed.

**RAID Fly & Wasp Killer**

Date Issued: 05Jun2003

----- **13 - DISPOSAL CONSIDERATIONS** -----

MATERIAL DISPOSAL..... Disposal should be in accordance with local, state or national legislation.  
CONTAINER DISPOSAL..... Dispose of empty aerosol containers with routine waste.

----- **14 - TRANSPORT INFORMATION** -----

ROAD/RAIL (ADR/RID):

ADR/RID PROPER SHIPPING NAME:

UN #..... 1950  
CLASS..... 2  
LABEL#..... 2.2  
PACKING GROUP..... Not applicable.  
ENTRY DESCRIPTION.. Aerosols.  
DEROGATION..... Limited quantities derogation may be applicable to this product, please check transport documents.

SEA (IMDG):

IMDG PROPER SHIPPING NAME:

UN #..... UN1950  
CLASS..... 2  
LABEL#..... 2.2  
ENTRY DESCRIPTION.. AEROSOLS.  
EmS..... F-D S-U  
MFAG..... Not applicable.  
MARINE POLLUTANT... No.  
DEROGATION..... Limited quantities derogation may be applicable to this product, please check transport documents.

PACKING GROUP..... Not applicable.

AIR (ICAO/IATA):

ICAO CLASS..... Not determined.

----- **15 - REGULATORY INFORMATION** -----

CLASSIFICATION &amp; LABELLING ACCORDING TO:

..... Eu. Dangerous Preparations Directive (99/45/EC) as amended.  
Aerosol Directive (75/324/EEC) as amended.

CLASSIFICATION..... Extremely Flammable. Dangerous for the Environment (Symbol is not required).  
R PHRASES..... (R12) Extremely Flammable. (R52/53) Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
S PHRASES..... (S2) Keep out of reach of children. (S16) Keep away from sources of ignition - No Smoking. (S51) Use only in well ventilated areas. (S23) Do not breathe spray/mists.  
ADDITIONAL LABELLING... Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on or near naked flame or any incandescent material.

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----- 15 - REGULATORY INFORMATION (continued) -----

EINECS/TSCA STATUS..... All components are included in these inventories.

----- 16 - OTHER INFORMATION -----

DETERGENT/CLEANER..... Not relevant.

LABELLING

(89/542/EEC)

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PRINT DATE: 15Jun2004