

Flammability	4
Reactivity	0

# MATERIAL SAFETY DATA SHEET

## SECTION I-PRODUCT IDENTIFICATION

Product Name: <b>RAID HOUSE &amp; GARDEN BUG KILLER</b>		Product Code: 11670-024	
Chemical or Common Name:  NA	Date Issued: 04/04/88	Supersedes: 10/30/87	Prepared by: Robert B. O'Brien Chemical Info. Adm.

## SECTION II-INGREDIENT INFORMATION

Ingredient	Weight %	Exposure Limit
N-Butane\Isobutane\Propane (CAS #106-97-8, 75-28-5, 74-98-6)	25-35	800 ppm ACGIH TLV-TWA (N-Butane); 1000 ppm OSHA PEL (Propane)
Isoparaffinic Hydrocarbon Solvent (CAS #64742-47-8)	1-3	300 ppm Supplier Recommended 8 hr TWA
Water	65-75	NA

## SECTION III-PHYSICAL DATA

APPEARANCE/ODOR: Dispensed as a spray with mild odor	SPECIFIC GRAVITY (H2O=1): 0.79
VAPOR PRESSURE (mm Hg): ND	PERCENT VOLATILE BY VOLUME (%): NA
SOLUBILITY IN WATER: Appreciable	VAPOR DENSITY (AIR=1): ND
FREEZING POINT (°F): ND	BOILING POINT (°F): ND
pH: NA	EVAPORATION RATE (BUTYL ACETATE=1): NA

## SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT (°F) (METHOD USED): under 20(TCC) (Propellant)
FLAMMABLE LIMITS: ND
EXTINGUISHING MEDIA: Foam , CO2 , Dry Chemical , Water Fog
SPECIAL FIREFIGHTING PROCEDURES: Normal fire fighting procedures may be used. Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: No special hazards known

## SECTION V-HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Skin Contact , Inhalation
SIGNS AND SYMPTOMS: Direct contact of product with eyes can cause irritation. Product spray mist or fog may cause irritation to nose, throat and lungs if adequate ventilation is not employed. No significant response for skin or ingestion.

S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine, Wisconsin 53403

RAID HOUSE & GARDEN BUG KILLER  
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## SECTION V-HEALTH HAZARD DATA (cont.)

FIRST AID PROCEDURES: Flush eyes with water for 15 minutes. If irritation persists, seek medical aid. If product gets on skin, remove with soap and water. If product is swallowed, seek medical aid at once. If mist, fog or vapors cause discomfort, remove to fresh air and ventilate area. If discomfort persists, seek medical aid.

## SECTION VI-REACTIVITY DATA

STABILITY: Stable

STABILITY-CONDITIONS TO AVOID: None known

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to fire, produces normal products of combustion.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS POLYMERIZATION-CONDITIONS TO AVOID: None known

## SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Rinse affected area thoroughly with water.

WASTE DISPOSAL INFORMATION: Dispose of aerosol can by wrapping and placing in trash. Do not puncture or burn container. Dispose of spilled residues and multiple units in accordance with all Federal\State regulations and Local ordinances.

## SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If ventilation is adequate, respiratory protection not required.

VENTILATION: General room ventilation is normally adequate. Substantial amounts of mists\vapors can be controlled with local exhaust ventilation or respiratory protection.

PROTECTIVE GLOVES: If prolonged or repeated contact is possible: Any impervious material.

EYE PROTECTION: Chemical workers splash-proof goggles

OTHER PROTECTIVE MEASURES: Use good personal hygiene practices. Where gross eye\skin contact may be a problem, wear/use appropriate protective equipment.

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#### SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING: CAUTION: Harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Do not remain in enclosed areas after use. Ventilate enclosed areas before returning. Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting. Keep out of reach of children.

OTHER HANDLING AND STORAGE CONDITIONS: Wash thoroughly after handling. Keep out of reach of children.

#### SECTION X-ADDITIONAL INFORMATION

For information on appropriate emergency procedures phone: 414-631-2000.

ADDITIONAL INFORMATION: EPA Registration No. 4822-181. Factory Mutual Level 1 aerosol

NA-Not Applicable, NSR-No Special Requirement, ND-Not Determined for this product

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