



SAFETY DATA SHEET

Product Name **RAID COMMERCIAL INSECTICIDE ODOURLESS FLY AND INSECT KILLER**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **DIVERSEY AUSTRALIA PTY. LIMITED**
Address **29 Chifley St, Smithfield, NSW, AUSTRALIA, 2164**
Telephone **(02) 9757 0300**
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Emergency **1800 033 111 (24 hrs)**
Email **aucustserv@diversey.com**
Web Site **www.diversey.com**
Synonym(s) **739400 RAID ODOURLESS FLY AND INSECT KILLER 12 X 400G**
Use(s) **AEROSOL DISPENSED · FLY SPRAY · INSECTICIDE**
SDS Date **01 June 2012**

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES

R12 Extremely Flammable.

SAFETY PHRASES

S7/9 Keep container tightly closed and in a well ventilated place.
S16 Keep away from sources of ignition - No smoking.
S43 In case of fire use only the recommended extinguishing agents.

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN Number **1950** DG Division **2.1**
Packing Group **None Allocated** Subsidiary Risk(s) **None Allocated**
Hazchem Code **2YE**

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
LIQUEFIED PETROLEUM GAS (LPG)	CAS: 68476-85-7 EC: 270-704-2	F+;R12	30%
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	CAS: 64742-48-9 EC: 265-150-3	Carc.;R45 Muta.;R46 Xn;R65	1 - 7%
PERMETHRIN	CAS: 52645-53-1 EC: 258-067-9	Xn;R20/22 Xn;R43 N;R50/53	<0.2%
SODIUM NITRITE	CAS: 7632-00-0 EC: 231-555-9	T;R25 O;R8 N;R50	<0.2%
TETRAMETHRIN	CAS: 7696-12-0 EC: 231-711-6	Not Available	<0.5%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

4. FIRST AID MEASURES

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Engineering Controls Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

PPE

Eye / Face With prolonged use, wear safety glasses and splash-proof goggles.
Hands With prolonged use, wear PVC or rubber gloves.
Body Not required under normal conditions of use.
Respiratory Where an inhalation risk exists, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance CLEAR LIQUID (AEROSOL DISPENSED)
Odour ODOURLESS
Flammability HIGHLY FLAMMABLE
Flash point < 20°C (PROPELLANT)
Boiling point NOT AVAILABLE
Melting point NOT AVAILABLE
Evaporation rate NOT AVAILABLE
pH NOT AVAILABLE
Vapour density NOT AVAILABLE
Specific gravity 0.80 - 0.82
Solubility (water) DISPERSIBLE
Vapour pressure NOT AVAILABLE
Upper explosion limit NOT RELEVANT
Lower explosion limit NOT RELEVANT
Autoignition temperature NOT AVAILABLE
Decomposition temperature NOT AVAILABLE
Viscosity NOT AVAILABLE
Partition coefficient NOT AVAILABLE
% Volatiles NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.
Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources.
Material to Avoid Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), heat and ignition sources.
Hazardous Decomposition Products May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Hazardous Reactions Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation.
Eye Contact may result in irritation, lacrimation, pain and redness.
Inhalation Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in breathing difficulties.
Skin Contact may result in irritation, redness, rash and dermatitis. May cause sensitisation by skin contact.
Toxicity Data PERMETHRIN (52645-53-1)
LC50 (inhalation) 485 mg/m³ (rat)
LD50 (ingestion) 383 mg/kg (rat)
LD50 (intraperitoneal) 429 mg/kg (mouse)
LD50 (intravenous) 31 mg/kg (mouse)
LD50 (skin) 1750 mg/kg (rat)

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Inventory Listing(s) **AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**
All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional Information Contains < 0.1 % Benzene.

SYNERGISM - ANTAGONISM: Ingredients in this product may act together to aggravate or reduce adverse effects. Accordingly the time weighted average concentration (TWA) provided for single ingredients should be considered as a guide only and all due care exercised when handling.

AEROSOL CANS may explode at temperatures approaching 50°C.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this ChemAlert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists
CAS # Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS Central Nervous System
EC No. EC No - European Community Number
GHS Globally Harmonized System
IARC International Agency for Research on Cancer
LD50 Lethal Dose, 50% / Median Lethal Dose
mg/m³ Milligrams per Cubic Metre
PEL Permissible Exposure Limit
pH relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm Parts Per Million
REACH Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
STOT-RE Specific target organ toxicity (repeated exposure)
STOT-SE Specific target organ toxicity (single exposure)
SUSMP Standard for the Uniform Scheduling of Medicines and Poisons
TLV Threshold Limit Value
TWA/OEL Time Weighted Average or Occupational Exposure Limit

Revision History

Revision	Description
1.0	Initial SDS Creation

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

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