

Material Safety Data Sheet

RXSOL RX 5 (RXSOL-15-1672-005)



1. Product and Company Identification

Product Name RXSOL-15-1672-005

Product Type RXSOL RX 5

Company Details:

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2. Composition / information on ingredients

Ingredient	Formula	CAS No.	Content
3-(1 METHYL ETHYL) BICYCLO (2.2.1) HEPT-5-ENE-2-CARBOXYLIC ACID ETHYL ESTER	Not Available	116044-44-1	1%
NONIONIC SURFACTANT(S)	Not Available	Not Available	15%
BENZYL SALICYLATE	C14-H12-O3	118-58-1	1%
CITRONELLOL	C10-H20-O	106-22-9	1%
HYDROCINNAMALDEHYDE, P-TERT-BUTYL-ALPHA-METHYL	C14-H20-O	80-54-6	1%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	remainder

3. Hazards Identification

RISK PHRASES

- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.

SAFETY PHRASES

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 After contact with skin, wash immediately with plenty of water.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

- UN No.: None Allocated
- Packing Group :None Allocated
- DG Class :None Allocated
- Hazchem Code :None Allocated
- Subsidiary Risk(s) :None Allocated

4. First Aid Measures

Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
Advice to Doctor	The manufacturer recommends treating the patient symptomatically

5. Fire-fighting Measures

Flammability	Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition
Fire and Explosion	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas
Extinguishing	Prevent contamination of drains or waterways
Hazchem Code	None Allocated

6. Accidental Release Measures

Spillage : If spilt (bulk), use personal protective equipment. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Prevent spill entering drains or waterways. CAUTION: Spill site may be slippery

7. Handling and Storage

Storage :Store in a cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use

Handling :Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating,drinking and smoking in contaminated areas

8. Exposure controls and personal protection

Exposure Stds	No exposure standard(s) allocated
Biological Limits	No Biological Limit Value allocated
Engineering Controls	Avoid inhalation. Use in well ventilated areas
PPE	Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls.

9. Physical and chemical properties

Appearance	CLEAR DARK RED LIQUID
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Odour	SLIGHTLY PERFUMED ODOUR
pH	9.0 (Approximately)
Vapour Pressure	NOT AVAILABLE
Vapour Density	NOT AVAILABLE
Boiling Point	100°C (Approximately)
Melting Point	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE
Solubility (water)	SOLUBLE
Specific Gravity	1.01
% Volatiles	NOT AVAILABLE
Flammability	NON FLAMMABLE
Flash Point	NOT RELEVANT
Upper Explosion Limit	NOT RELEVANT
Lower Explosion Limit	NOT RELEVANT

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 and acids (eg. nitric acid).
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition
Hazardous Reactions	Polymerization will not occur

11. Toxicological information

Health Hazard	Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact
Summary	Discontinue use if allergic reaction occurs. Possible sensitising agent.
Eye	Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Over exposure may result in irritation of the nose and throat, with coughing. Due to the low vapour pressure, an inhalation hazard is not anticipated with normal use
Skin	Contact may result in drying and defatting of the skin, rash and dermatitis. May cause sensitisation by skin contact.
Ingestion	Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation

Toxicity Data BENZYL SALICYLATE (118-58-1)

LD50 (Ingestion): 2227 mg/kg (rat) CITRONELLOL (106-22-9)

LD50 (Ingestion): 3450 mg/kg (rat)

LD50 (Intramuscular): 4000 mg/kg (mouse)

LD50 (Skin): 2650 mg/kg (rabbit)

LD50 (Subcutaneous): 880 mg/kg (mouse) HYDROCINNAMALDEHYDE, P-TERT-BUTYL-ALPHA-METHYL- (80-54-6)

LD50 (Ingestion): 1390 mg/kg (rat)

LD50 (Intraperitoneal): 700 mg/kg (mouse)

TDLo (Ingestion): 500 mg/kg (rat)

TDLo (Skin): 10 g/kg (rat)

12. Ecological information

Environment	Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment
Ecotoxicity	May be toxic to fish and aquatic microorganisms.

Persistence / Degradability	Limited information was available at the time of this review
Mobility	Limited information was available at the time of this review.

13. Disposal considerations

Waste Disposal	For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result
Legislation	Dispose of in accordance with relevant local legislation

14. Transport information

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name	None Allocated
UN No.	None Allocated
Packing Group	None Allocated
DG Class	None Allocated
Hazchem Code	None Allocated
Subsidiary Risk(s)	None Allocated

15. Regulatory information

Poison Schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

Additional Information

ABBREVIATIONS:

ACGIH - American Conference of Industrial Hygienists.

ADG - Australian Dangerous Goods.

BEI - Biological Exposure Indices(s).

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EC No - European Community Number.

HSNO - Hazardous Substances and New Organisms.

IARC - International Agency for Research on Cancer.

mg/m3 - Milligrams per Cubic Metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

STEL - Short Term Exposure Limit.

SWA - Safe Work Australia.

TWA - Time Weighted Average.

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 Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert 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. 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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