

1. Product and Company Identification

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Product Name **Decarbonizer (Predator)**
Product Type **RXSOL-16-1699-025**

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat

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2. Composition / Information on ingredients

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HAZARDOUS INGREDIENTS:

CAS NUMBER	CHEMICAL NAME	WEIGHT %	OSHA PEL	ACGIH TLV	OTHER
8032-32-4	VM P Naphtha	40 - 50	300 ppm	300 ppm	ND
111-76-2	2-butoxyethanol	40 - 50	50 ppm	20 ppm	5 ppm (
Mixture	Polymer/Amine/Solvent blend	5 - 15	ND	ND	ND

3. Hazards Identification

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SUMMARY OF ACUTE HAZARDS

ROUTE OF EXPOSURE	SIGN AND SYMPTOM	PRIMARY ROUTE
INHALATION	MAY CAUSE LIGHT HEADACHES OR DIZZINESS	YES
EYE CONTACT	MAY CAUSE IRRITATION	YES
SKIN CONTACT	MAY CAUSE IRRITATION	YES
INGESTION	MAY CAUSE STOMACH DISTRESS, NAUSEA, AND VOMITING	YES

SUMMARY OF CHRONIC HAZARDS:

Exposure to 2-butoxyethanol can result in skin irritation and contact dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing disorders of the skin, eyes, and respiratory tract may be exacerbated by exposure to 2-butoxyethanol.

4. First Aid Measures

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Description of first aid measures

INHALATION	Move to fresh air or provide fresh air by ventilation
EYE	Remove any contact lenses and flush with running water. If irritation persists.
SKIN	Flush with water. Wash with soap and water. Remove contaminated clothing before reuse.

5. Fire-fighting Measures

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FLASH POINT °F

FLAMMABILITY LIMITS

AUTO-IGNITION TEMPERATURE (°F)

EXPLOSION

EXTINGUISHING MEDIUM

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

0, TCC (VM&P Naphtha)

LEL: 1.1% UEL: 5.9% (VM&P Naphtha)

471 (2-butoxyethanol)

Above flash point, vapor-air mixtures may be explosive. Containers may rupture when heated. Sensitive to static electricity. Water, foam, carbon dioxide, dry chemical.

In the event of a fire, wear full protective clothing and self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Hazardous combustion products may include and acrolein.

6. Accidental Release Measures

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PERSONAL PROTECTIVE EQUIPMENT:

For large spills, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

MATERIAL RELEASED OR SPILLS:

Small spills may be absorbed with non-reactive absorbent material and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers, waterways, and soil. Keep materials away from heat and sources of ignition.

7. Handling and Storage

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STORAGE:

Store in accordance with NFPA 30B for extremely flammable liquids. Keep out of reach of children. Store closed container upright away from incompatible materials and food. Do not store near heat, flame, sparks or other forms of ignition. In closed spaces, provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapors below their respective threshold limit value.

OTHER PRECAUTIONS:

Containers of this material may be hazardous when emptied. Do not re-use empty containers.

8. Exposure controls and personal protection

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RESPIRATORY PROTECTION

ENGINEERING CONTROLS

SPECIAL

PROTECTIVE GLOVES

EYE PROTECTION

WORK/HYGENIC PRACTICES

OTHER PERSONAL PROTECTION

OTHER PERSONAL PROTECTION

General ventilation normally adequate.

NA

Not needed in normal usage.

Not required under normal conditions, but always advisable when use can result in skin contact, wash exposed area with soap and water. Where use can result in skin contact, wash exposed area with soap and water. Avoid drinking, smoking, or in food preparation. Launder contaminated clothing separately.

As required by employer policies.

9. Physical and chemical properties

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Information on basic physical and chemical properties:

APPEARANCE	Colorless, slight amber tinge
PHYSICAL STATE	Liquid
VAPOR PRESSURE (mmHg)	ND
SOLUBILITY IN WATER	Insoluble
SPECIFIC GRAVITY	0.75-0.85
PARTITION COEFFICIENT OF WATER/OIL DISTRIBUTION	ND
ODOR	Ammoniacal solvent
BOILING POINT (°F)	ND
VAPOR DENSITY (AIR=1):	ND
MELTING POINT	NA
EVAPORATION RATE (ETHYL ACETATE =1)	ND
pH	NA

10. Stability and reactivitywww.rxmarine.com

STABILITY

Stable

CONDITIONS TO AVOID

Heat, ignition sources (spark, flame), incompatible materials

HAZARDOUS DECOMPOSITION PRODUCTS

May include, but is not limited to oxides of carbon.

INCOMPATIBILITY

Oxidizers and reducers.

HAZARDOUS POLYMERIZATION

Will not occur.

11. Toxicological informationwww.rxmarine.com

CARCINOGENICITY ND

NTP No

REPRODUCTIVE TOXICITY ND

SKINTEX DATA ND

IARC MONOGRAPHS NO

OSHA REGULATED NO

TERATOGENICITY ND

MUTAGENICITY ND

There is no LD50 or LC50 information available for humans. The product may contain trace amounts of byproducts or impurities, including ethylbenzene and naphthalene, which are known to the State of California to cause cancer.

12. Ecological informationwww.rxmarine.com

WATER FOWL TOXICITY

No data available for ingredients in this product.

BOD

No data available for ingredients in this product.

AQUATIC TOXICITY

No data available for ingredients in this product.

13. Disposal considerationswww.rxmarine.com

DISPOSAL METHOD

Dispose of in accordance with all local, state, and Federal r

CONTAINER DISPOSAL

Dispose of in accordance with all local, state, and Federal r

14. Transport information

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DOT PROPER SHIPPING NAME	Flammable liquid n.o.s. (contains naphtha & glycol)
DOESTIC GROUD TRASPORTATIO (Quart sizes & less):	Consumer Commodity, ORM-D
OCEAN (IMDG)	Flammable liquid n.o.s. (contains naphtha & glycol)
AIR (IATA)	Flammable liquid n.o.s. (contains naphtha & glycol)
WHMIS (CANADA)	Class B-2
UN Number	1993
NAFTA HS Code	3811.90.0000

15. Regulatory information

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TSCA	All ingredients are listed on the TSCA inventory.
ARA 313	None listed.
CERCLA RQ	NA.
RCRA CODE	NA.

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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