Material Safety Data Sheet

Carbon Oil Grime Remover Tuffclean (RXSOL-41-1699-025)

1. Product and Company Identifaction

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

Phone	+91 22 27815540 / 41 / 42
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2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS:

CAS NUMBER	CHEMICAL NAME	WEIGHT %	OSHA PEL	ACGIH TLV	OTHER LIMITS
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 (NIOSH)
Mixture	Polymer/Amine/Solvent blend	5 - 15	ND	ND	ND

3. Hazards Identification

SUMMARY OF ACUTE HAZARDS

ROUTE OF EXPOSURE	SIGN AND SYMPTOM	PRIMARY ROUTE
INHALATION	MAY CAUSE LIGHT HEADACHES OR DIZZINESS	YES
EYE CONACT	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

Description of first aid measures

INHALATION	Move to fresh air or provide fresh air by ventilation. If symptoms persist, seek medical attention.

EYE	Remove any contact lenses and flush with running water for 15 minutes. Obtain medical attention if irritation persists.
SKIN	Flush with water. Wash with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.
INGESTION	Do not induce vomiting. Rinse mouth out. Obtain medical attention immediately. If unconscious, never give anything by mouth.

5. Fire-fighting Measures

FLASH POINT °F	0, TCC (VM&P Naphtha)
FLAMMABILITY LIMITS	LEL: 1.1% UEL: 5.9% (VM&P Naphtha)
AUTO-IGNITION TEMPERATURE (oF)	471 (2-butoxyethanol)
EXPLOSION	Above flash point, vapor-air mixtures may be explosive within flammable limits noted above. Closed containers may rupture when heated. Sensitive to static discharge.
EXTINGUISHING MEDIUM	Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Hazardous combustion products may include and are not limited to oxides of carbon.

6. Accidental Release Measures

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

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

RESPIRATORY PROTECTION	OTHER PERSOSONAL PROTECTION
ENGINEERING CONTROLS	General ventilation normally adequate.
SPECIAL	NA
PROTECTIVE GLOVES	Not needed in normal usage.
EYE PROTECTION	Not required under normal conditions, but always advisable when using chemical products.
WORK/HYGENIC PRACTICES	Where use can result in skin contact, wash exposed area thoroughly before eating, drinking, smoking, or in food preparation. Launder contaminated clothing before re-use.
OTHER PERSOSONAL PROTECTION	As required by employer policies.

9. Physical and chemical properties

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 reactivity

TABILITY	Stable
CONDITIONS TO AVOID	Heat, ignition sources (spark, flame), incompatible materials
HAZARDOUS DECOMPOSITION PRODUCTS	May include, but is not limited to oxides of carbon.
INCOMPATIBILTY	Oxidizers and reducers.
HAZARDOUS POLYMERIZATION	Will not occur.

11. Toxicological information

CARCINOGINICITY	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 information

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 considerations

DISPOSAL METHOD	Dispose of in accordance with all local, state, and Federal regulations.
CONTAINER DISPOSAL	Dispose of in accordance with all local, state, and Federal regulations.

14. Transport information

DOT PROPER SHIPPING NAME	Flammable liquid n.o.s. (contains naphtha & glycol ether), UN1993.PG II, Ltd. Qty., ERG#128
DOESTIC GROUD TRASPORTATIO (Quart sizes & less):	Consumer Commodity, ORM-D
OCEAN (IMDG)	Flammable liquid n.o.s. (contains naphtha & glycol ether), UN1993.PG II, Ltd. Qty., ERG#128
AIR (IATA)	Flammable liquid n.o.s. (contains naphtha & glycol ether), UN1993.PG II, Ltd. Qty., ERG#128
WHMIS (CANADA)	Class B-2
UN Number	1993
NAFTA HS Code	3811.90.0000

15. Regulatory information

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

16. Other information

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