

# Material Safety Data Sheet

Decarbonizer Predator Carbon Cleaner (RXSOL-16-1699-030)



## 1. Product and Company Identification

Product Name **Decarbonizer (Predator)**

Product Type **RXSOL-16-1699-030**

### Company Details:

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

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## 2. Composition / information on 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 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

### 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 PERSONAL 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 PERSONAL 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.          |
| INCOMPATIBILITY                  | Oxidizers and reducers.                                       |
| HAZARDOUS POLYMERIZATION         | Will not occur.                                               |

## 11. Toxicological information

|                       |    |
|-----------------------|----|
| 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 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.

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