Material Safety Data Sheet

RED NBD PLUS RIG Degreaser (RXSOL-10-1033-020)

1. Product and Company Identifaction

Product Name	RXSOL-10-1033-020
Product Type	RED NBD PLUS Degreaser

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Hazardous Components	CAS#	OSHA	PEL	ACGIH TLV Weight% (Optional)
Potassium Hydroxide	1310583	2MG/M3	2MG/M3	
Proprietory Blend of SURFACE - ACTIVE agent.				

3. Hazards Identification

Odour	Emergency Overview
Appearance	Clear liquid, RED, Bland Mild odor
Contact with eyes	This product may cause slight irritation to the eyes.
Contact with skin	May cause slight skin irritation.Product contains an ingredient known to be a sensitizer in animals.Therefore, prolonged or repeated contact with the product may result in allergic skin sensitization reactions.
Inhalation	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Ingestion	ngestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

4. First Aid Measures

Contact with skin	For skin contact flush with large amounts of water.If irritation persists, get medical attention.
Contact with eyes	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention / call physician

Ingestion	If ingestion of a large amount does occur, seek medical attention.Do not induce vomiting. Drink Large Amounts of Water, Call Physician
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air.If symptoms persist, get medical attention.If the affected person is not breathing, apply artificial respiration.If breathing is difficult, give oxygen.Seek medical attention.

Skin- Wash Off With Soap & Water

5. Fire-fighting Measures

Fire-fighting measures	Extinguishing Media ::: None Special Fire Fighting Procedures :: NONE Unusual Fire and Explosion Hazards :: NONE
Flash Point	N.A. (None)
Extinguishing Media	Dry chemical, foam, carbon dioxide, water fog.
Fire Fighting Equipment / Instructions	Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Emergency Action:	Isolate spill or leak area immediately.Keep unauthorized personnel away.Stay upwind.Keep out of low areas.Ventilate closed spaces before entering. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).Do not touch or walk through spilled material.Wear appropriate personal protective equipment during cleanup.
Small Spills:	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Large Spills:	Dike ahead of liquid spill for later disposal.Prevent entry into waterways, sewers, basements or confined areas. Surfaces may become slippery after spillage.

7. Handling and Storage

Handling Procedures	Wash thoroughly after handling.As with all chemicals, good industrial hygiene practices should be followed when handling this material. Section 7 - Precautions For Safe Handling and Use. Steps to be taken in case material is released or spilled - Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container. Waste Disposal Method - Dispose of in accordinance with state and local regulations. Precautions To Be Taken In Handling and Storing - Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32 F, or heat above 110 F. Other Precautions - Keep out of reach of children. Follow directions on the container for proper use of this product.
Storage Procedures	Store in a dry, well-ventilated area.Store away from strong oxidizers.Do not handle or store near an open flame, heat or other sources of ignition.

8. Exposure controls and personal protection

Engineering Controls	Use general ventilation.Local exhaust is suggested for use, where possible, in enclosed or confined spaces. Ventilation Local Exhaust - If Available Special - None Mechanical - If Available Other - None Eyes - Burning Sensation Work Hygienic Practices - Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business.
Personal Protective Equipment: Eyes/Face	Directions for use are normally found on label which will dictate engineering and control measures. Skin- Wash Off With Soap & Water Ingestion- Drink Large Amounts of Water, Call Physician Inhalation- Slight Irritation Skin- Not Expected to be a Problem Ingestion-Nausea Protective Gloves- None Eye Protection- Glasses, Goggles , face shield (if splashing is possible). Other Protective Clothing or Equipment None
Personal Protective Equipment: Skin	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) No respiratory protection is required unless subject to contact with substance mist.
Personal Protective Equipment: Respiratory	If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.
Personal Protective Equipment: General	Eye wash fountain and emergency showers are recommended.

9. Physical and chemical properties

Flash Point	None
Boiling Point	> 212 F
Specific Gravity	(7.322 lb/gal), 0.88 g/ml (H2O = 1)
Percent Volatile	NIL
Vapor Pressure	2 mmHg
Vapor Density	Estimated heavier than air
Evaporation Rate	Estimated slower than ethyl ether.
Appearance and Odor	Clear Red Bland .Mild odor

10. Stability and reactivity

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Avoid strong oxidizing agents.
Incompatibility	This product may react with strong oxidizing agents, alkalies.
Hazardous Decomposition	CO , CO2
Hazardous Polymerization	Will not occur.

11. Toxicological information

Carcinogenicity	Not listed as carcinogenic according to IARC, NTP or OSHA.
Mutagenicity	This product class is non-mutagenic.
LD50 Value	Oral LD50 (rat) = >5000 - 15,000 mg/kgDermal LD50 (rabbit) = >2,000 or equal to 20,000 mg/kg

12. Ecological information

Ecotoxicity	No data available on finished product.
Environmental Fate	This product class is readily biodegradable.

13. Disposal considerations

Disposal Instructions	Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

14. Transport information

DOT Proper Shipping Name	Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. Regulatory information

Ingredient Name	CAS Number
Proprietory Blend of Surfactant	N.A.

Inventories
All components of this product are listed on the following inventories:U.S.A.(TSCA), Canada(DSL), Europe(EINECS/ELINCS/Polymer/NLP), Korea(ECL), Australia(AICS), There is no calculable reportable quantity (RQ) for this product.

16. Other information

Disclaimer
Disclaimer: Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein.
The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

HAZARD RATINGS	HMIS

Health	1
Flammability	0
Reactivity	0
PPE	X

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.