Material Safety Data Sheet

Degreaser Multi Clean (RXSOL-41-8521-025)

1. Product and Company Identifaction

Product Name	DEGREASER Multi Clean
Product Type	RXSOL-41-8521-025

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS #	UN #	% by volume
2-Butoxyethanol	111-76-2		10-30
Octylphenoxypolyethoxyethanol (nonionic surfactant)	9036-19-5		1-5
Disodium trioxosilicate pentahydrate	6834-92-0		1-5
Tetrapotassium Pyrophosphate	7320-34-5		1-5
Ammonium hydroxide	1336-21-6		1-5
Caustic Soda	1310-73-2		1
Surfactant	78330-21-9		10-15

3. Hazards Identification

Emergency Overview

A pink liquid with a slight ammonia odor. Toxic by ingestion. Skin and eye irritant

NOTE: Hazard information is based on the characteristics of the components of this mixture.

Ingestion - May cause irritation in the mouth and stomach. Symptoms may include pain or burning sensation, coughing and vomiting, headache, dizziness and uncoordination

Inhalation - High vapor concentration may cause irritation in the mouth, nose and throat, possible chest pain and cough.May cause headache, nausea, dizziness and vomiting.

Eye Contact - Vapors or liquid splashed in eyes may cause irritation or damage to eye tissue.

Skin Contact - May cause skin irritation, product may be absorbed through the skin with symptoms similar to ingestion or inhalation.

4. First Aid Measures

Ingestion - If patient is conscious give two glasses of water. Do not induce vomiting. Seek medical attention immediately.

Inhalation - Remove to fresh air. If irritation develops or persists seek medical attention.

Eye Contact - Flush eyes immediately with water for 15 minutes. Seek medical attention.

Skin Contact - Remove affected clothing. Flush with water for 15 minutes. If irritation develops seek medical attention.

5. Fire-fighting Measures

Flammability : No

Flashpoint: > 200 °F (93.3 °C)

6. Accidental Release Measures

Use sorbent material to contain spilled material.

Use personal protective equipment.

Do not allow material to contaminate watercourse or groundwater.

Place waste material in appropriate containers for waste disposal.

7. Handling and Storage

Product is alkaline.

Use personal protective equipment.

Store in a well ventilated area.

Keep from freezing.

Do not mix this product with acids, oxidizing agents or reducing agents.

8. Exposure controls and personal protection

Personal Protective Equipment:

Gloves : Natural Rubber

Respirator : NIOSH TC-23C organic vapor respirator or equivalent

Eye : Goggles

Footwear : n. ap.

Clothing : Coveralls or equivalent

Other : none

Exposure Guidelines:

none established for product

OSHA ACGIH

TWA STEL TWA STEL

2-butoxyethanol 25 ppm 25 ppm

Ammonia 25 ppm 35 ppm 25 ppm 35 ppm

Note - 2-butoxyethanol may be absorbed through the skin.

9. Physical and chemical properties

Physical state:	Liquid
Odor and appearance	Clear liquid with characteristic odor
Odor threshold (ppm):	n. av.
Vapor pressure (mm Hg):	20.7
Vapor density (Air=1):	n. av.
Evaporation:	(butyl acetate = 1) 0.1
Boiling point:	215.6 °F (102 °C)

Freezing point:	n. av.
pH:	11.55
Specific gravity:	1.034
Coefficient water/oil distribution:	n. av.
Solubility in water:	100%
Viscosity: @	100.4 °F (38 °C) 1.16 cs
% Volatiles (by weight)	90%

10. Stability and reactivity

Chemical Stability : Yes
Incompatibility with other substances : Yes

Avoid strong oxidizing and reducing agents. Avoid contact with acids.

Stable under normal conditions. Will liberate vapors of nitric oxides and ammonia if heated to decomposition.

Hazardous decomposition products?

11. Toxicological information

Route of Entry

Skin Contact X Skin Absorption X Eye Contact X Inhalation X Ingestion X Toxicological information is not available for the product

Ammonium Hydroxide LD50 (rat, oral) 350 mg/kg irritation (rabbit, eye) 44 ug severe Disodium monosilicate pentahydrate LD50 (rat, oral) 1470 mg/kg; LD50 (rat, oral) 800 mg/kg irritation (rabbit, skin) 250 mg/24 hr.

2-Butoxyethanol LD50 (rat, oral) 470 mg/kg, LD50 (rabbit, oral) 300 mg/kg

Carcinogenicity: No

Mutagenicity: No

Teratogenicity: No

Reproductive toxicity: No

Synergistic products: No

Sensitization: No

Neurotoxicity: No

Target organs: Eyes and Skin

12. Ecological information

Octylphenoxypolyethoxyethanol (CAS 9036-19-5) Aquatic effects 96 hr.

Fathead Minnow LC50 8.9 mg/L Ammonium Hydroxide Aquatic toxicity rating TLm 96: 100 - 10 ppm

13. Disposal considerations

Do not dispose of product in storm or sanitary sewer systems.

Do not allow discharge into groundwater or a watercourse.

If product is to be disposed of, contact a licensed or registered waste disposal firm to incinerate the product.

14. Transport information

Shipping Name: CORROSIVE LIQUIDS, N.O.S.
Hazard Class: 8 (PACKING GROUP II)

UN Identification #: UN 1760 CONSUMER COMMODITY, ORM-D FOR GROUND SHIPMENTS, QUARTS ONLY

15. Regulatory information

This material safety data sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard This product has been classified in accordance with the hazard criteria of the CPR (Can.) and the MSDS contains all the

information required by the CPR (Can.).

This product is classed as toxic and a skin and eye irritant - 29 CFR 1910.1200 and Controlled Products Regulations (Can.) WHMIS classification D1B D2B

This product is not subject to the reporting requirement of Section 313 of Title III of Superfund Amendments and Reauthorization Act (SARA) 1986 and 40 CFR part 372.

16. Other information

Text of R and S p hrase codes used in this safety data sheet:- R36: Irritating to eyes;R41:Risk of serious damage to eyes;R65:Harmful:may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking . 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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