Material Safety Data Sheet

MASTERCLEAN Low Foam LIQUID (RXSOL-41-8454-025)

1. Product and Company Identifaction

Product Name	MASTER CLEAN LIQUID
Product Type	**RXSOL-41-8454-025**

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

2.1 Hazardous Ingredients

2.1.1 2.1.2 2.1.3 2.1.4

CAS # EINECS # Name Concentration Warning, Risk phrases

7732-18-5 231-791-2 Water 50-80% None

36445-71-3 253-040-8 Anionic surfactant 5-15% R41, R51/53

18662-53-8 225-768-6 Trisodium nitrilotriacetate salt 5-15% R22, R41

6834-92-0 229-912-9 Sodium metasilicate 5-15% R34, R37

68439-46-3 226-097-1 Ethoxylated alcohol 1% R24, R37

94266-47-4 304-454-4 D-limonene 1% R10, R20/21/22

34590-94-8 250-104-2 Dipropylene glycol Monomethyl ether 1% R/20/21/22

2.1.5 Confidential ingredients: Inorganic base, 1-5% (R20/21/22); Anionic surfactant 1%; Corrosion inhibitor, 1%

2.1.6 Confidential Components listed are not hazardous less than 1 percent each.

2.1.7 Other information: Basic

3. Hazards Identification

Human: This product may cause severe irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause severe irritation to mucous membranes. Avoid contact with strong acids & oxidising agents**.**

Environment: This product is unlikely to accumulate in aquatic environment.

4. First Aid Measures

Eye Contact: Flush with water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If trouble with breathing persists, seek medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention.

5. Fire-fighting Measures

The product is combustible; use suitable extinguishing media for the surrounding fire. Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters. This product is likely to support combustion as it is combustible and not an oxidiser. Exposure hazard: decomposition of product may be oxides of carbon and nitrogen.

6. Accidental Release Measures

Sweep up spills for re-use or disposal. Large spills should be treated with dry absorbent and disposed at legal waste disposal site.

Check local authority for proper disposal methods. Do not mix this product with other waste materials.

7. Handling and Storage

Handle this product with best business practices.

Keep this product stored away from food, drink and animal feeding stuffs.

Keep out of the reach of children.

Store in a cool and dry area.

Do not store in aluminum containers.

COMBUSTIBLE – KEEP AWAY FROM OPEN FLAME.

8. Exposure controls and personal protection

Exposure limit values:

HTP values: None found

Other limit values: (USA) TWA: Alkyl alcohol (400 ppm)

OSHA PEL: Dipropylene glycol monomethyl ether (100 ppm)

Limit values in other countries: (AICS), (DSL), (ECL), (EEC),

(ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK)

Dipropylene glycol monomethyl ether (300 ppm); Alkyl alcohol (400

ppm); D-limonene (20 ppm)

Exposure controls: Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. Wear chemical imperious gloves to protect exposure to your hands.Wear chemical safety goggles or glasses to protect your eyes. In areas of insufficient ventilation, wear dist/mist mask to avoid long term effect of breathing the material.

9. Physical and chemical properties

The product is a clear, amber liquid with a citrus odour. Important health, safety and environmental information

pH	13.0
Boiling point/boiling range	>100ºC (212ºF)
Freezing point	0 ºC (32ºF)
Flash point	> 64.4ºC (148ºF)
Flammability (solid, gas)	NA
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Low
Relative density	Same as water
Solubility	100% in water
Specific gravity	1.17

RVOC%	8.78

10. Stability and reactivity

The product is stable and will not polymerise. Avoid strong acids & oxidising agents. In a fire situation, the products may be oxides of carbon and nitrogen.

11. Toxicological information

Sub-acute, sub-chronic and prolonged toxicity have not been determined.

12. Ecological information

Biodegradability	NA
Mobility	Soluble in water
Bio-accumulation	This product is unlikely to accumulate in waterways and will not accumulate in the environment. Some ingredients of this product have been determined to be toxic to fish and other organisms.

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13. Disposal considerations

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

14. Transport information

Identification UN3253

Proper Shipping Name Corrosive Material, (Disodium Trioxosiliate)

Hazard Class 8

Packing group III

US Domestic Ground Shipments: Consumer Commodity ORM-D [49CFR 173.154]

US Domestic Air Shipments: Consumer Commodity ORM-D-AIR

15. Regulatory information

ILO: C (Corrosive)

WHMIS: Corrosive

Risk phrases: R20/22 - Harmful by inhalation and if swallowed

R36/38 – Irritating to eyes and skin

Safety phrases: S2 – Keep out of the reach of children

S13 – Keep away from food, drink and animal feeding stuffs

S24/25 - Avoid contact with skin and eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37/39 - Wear suitable gloves and eye/face protection

S38 - In case of insufficient ventilation, wear suitable respiratory equipment

S62 - If swallowed do not induce

vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

HMIS NFPA

1 Health 1

2 Fire 2

0 Reactivity/Instability 0

E PPE

16. Other information

Restrictions on use:

Ready to use after label dilution. This product is intended for professional use only.

Further information:

Call CHEM-TEL, INC. collect 1- 813-248-0582

Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.

This product contains no Prop 65 materials.

Products listed as harmful by USA, DSL, EINECS, AICS, ECL,EICS, ENCS, PICCS: Dipropylene glycol monomethyl ether, Limonene.