Material Safety Data Sheet

RXSOL RX 6 (RXSOL-15-1673-005)

1. Product and Company Identifaction

Product Name	RXSOL-15-1673-005
Product Type	RXSOL RX 6

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

CAS No	EINECS No			
7647-01-0	231-595-7	Hydrochloric acid (OES)	C: R34-37	(5-15%)
8030-78-2	232-447-4	Quaternary ammonium compounds, Trimethyltallow alkyl, chlorides	C, N: R22-34-50	(5%)

Full text of R-phrases is given in section 16.

3. Hazards Identification

This product contains a material with an OES/MEL published in HSE document EH40.

4. First Aid Measures

Eyes :	Rinse immediately with plenty of water, holding the eyelids open and seek medical advice
Inhalation :	Remove from source of exposure. Seek medical advice if effects persist
Skin :	Wash thoroughly with soap and water
Ingestion :	Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting

5. Fire-fighting Measures

NON FLAMMABLE - In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus.

6. Accidental Release Measures

Hose away with plenty of water diluting to at least 2.5% w/v (25 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

7. Handling and Storage

Avoid contact with skin and eyes. Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

Store upright in original closed containers in a cool place

8. Exposure controls and personal protection

Hand	For prolonged contact: Use gloves resistant to acids.
Eyes	Personal protection is not normally required unless a risk assessment indicates the need for it.
Skin	Personal protection is not normally required unless a risk assessment indicates the need for it.
Respiration :	Personal protection is not normally required unless a risk assessment indicates the need for it.
OES/MEL	Hydrochloric Acid: O.E.S. 8.0 mg/cu.m 15 min STEL O.E.S 2.0 mg/cu.m 8 hour TWA

9. Physical and chemical properties

Appearance	Clear blue liquid.
pH	2.0
Density	1.04 g/cm3
Odour	Slightly perfumed
Solubility	Fully miscible in water.
Other	Viscosity dynamic: 92 mPas

10. Stability and reactivity

Contact with chlorine release agents and sodium hypochlorite (bleach) liberates toxic chlorine gas. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products

11. Toxicological information

Eyes	Unlikely to be irritant in normal use
Skin	Unlikely to be irritant in normal use
Inhalation	Unlikely to be irritant in normal use
Ingestion	Unlikely to be irritant in normal use

12. Ecological information

Ingredients according to EC 89/542:
Less than 5% : Cationic surfactants

13. Disposal considerations

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances)Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

14. Transport information

EEC Regulation	C, CORROSIVE, Hydrochloric Acid, Solution, UN1789, Hazchem 2R.
IMDG/UN	Hydrochloric Acid, Solution, UN1789, Class 8, PG III.
RID/ADR :	Class 8, Item 5(c).
ICAO/IATA :	Passenger Aircraft: 819, Y819 Cargo Aircraft: 821.

15. Regulatory information

Hazard symbol	None required
Risk phrases	None required
Safety phrases	None required. This product contains a material with an OES/MEL published in HSE document EH40

16. Other information

Handle and apply only as recommended, for full information see product information sheet
Text of risk phrases associated with ungredients listed in section 2.

- R22 Harmful if swallowed.
- R34 Causes burns.
- R37 Irritating to respiratory system.
- R50 Very toxic to aquatic organisms.