Material Safety Data Sheet

TPOL Heavy Duty 10 Ltr (RXSOL-20-T300-010)

1. Product and Company Identifaction

Product Name	**T.POL Heavy Duty-I**
Product Type	RXSOL-20-T--300-20

Company Details:

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

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2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Alkyl ether sulphate	1-5	3088-31-1	221-416-0	36/38	Xi
Sodium dodecyl benzene sulfonate	5-10	25155-30-0	246-680-4	38, 41	Xi
Fatty alcohol ethoxylates	1-5	34398-01-1	500-084-3	22,41	Xn
Sodium carbonate	1-5	497-19-8	207-838-8	36	Xi

See Section 16

3. Hazards Identification

Odour	Odourless
Appearance	Liquid, pale yellow, soluble in water
Contact with eyes	Risk of serious damage to eyes (R41)
Contact with skin	Repeated exposure may cause skin dryness or cracking (R66), Mildly irritating to skin
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
Ingestion	The ingestion of significant quantities may cause gastro-intestinal disturbances



4. First Aid Measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Seek medical advice
Ingestion	Never give anything by mouth to an unconscious person Give plenty of water to drink Seek medical advice if necessary
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract Remove patient to fresh air
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

- Non combustible
- Carbon oxides may be formed
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	No special precautions are required for this product
Immediate Actions	Shut off source of leak if safe to do so
Clean Up Actions	Absorb spillage in suitable inert material
	Flush spill area with copious amounts of water
Special Precautions	Wear protective clothing as per section 8

7. Handling and Storage

Handling	The usual precautions for handling chemicals should be observed Eyewash bottles should be available
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost

8. Exposure controls and personal protection

Exposure Limits	There are no recommended or established controls for this product.
Exposure controls	No special ventilation is required unless the product is used in a spray form.
Occupational exposure controls	No respiratory protection is required unless subject to contact with substance mist Wear suitable protective clothing,including eye/face protection and gloves (plastic or rubber are recommended)





9. Physical and chemical properties

Odour	Odourless
Appearance	Liquid, pale yellow, soluble in water
pH	8.5 - 9 at 100 % concentration
Boiling point &gt	100 °C at 760 mm /Hg
Vapour pressure	not known
Freezing point	0 °C at 760 mm/Hg
Completely soluble in water	
Specific gravity (water=1)	1.03
Non combustible	

10. Stability and reactivity

- This article is considered stable under normal conditions, No hazardous reactions known if used for its intended purpose
- See Section 5

11. Toxicological information

Toxicological information	No experimental data available
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

Contact with skin	In cases of severe exposure, irritation may develop
Contact with eyes	Causes irritation
	Can cause damage to the eyes
Ingestion	The ingestion of significant quantities may cause gastro-intestinal disturbances
Carcinogenicity	No evidence of carcinogenic effects\

12. Ecological information

Ecotoxicity	This cleaning agent consists of readily biodegradable surfactants, all of which have only slight or moderate tocixity.
Mobility	Completely soluble in water
Persistence and Biodegradability	The components in this product are readily biodegradable.
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
Other Adverse Effects	Presents little or no hazard to the environment

13. Disposal considerations

Classification	EU Waste class: -
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

- Not classified as hazardous for transport

15. Regulatory information

Risk Phrases	Risk of serious damage to eyes (R41)
Safety Phrases	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26) Wear suitable gloves and eye/face protection (S37/39)

16. Other information

Text of R and S phrase codes used in this safety data sheet:-

R22	Harmful if swallowed;
R36	Irritating to eyes
R36/38	Irritating to skin;
R41	Risk of serious damage to eyes.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of he individual constituentsThe 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. This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC) This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)