

1. Product and Company Identification

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Product Name RXSOL-16-1098-025
Product Type Rodine (Acid Inhibitor)

Supplier Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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Email mail@rxmarine.com

2. Composition / Information on ingredients

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Chemical Name	CAS Number	Percentage
Complex substitute keto-amine-hydrochloride	Proprietary	10 - 30
2 - Propanol	67-63-0	10 - 30
Alkylphenol ethoxylate	Proprietary	5 - 10
Propargyl alcohol	107-19-7	5 - 10
Butenone	78-94-4	1 - 5
Acetone	67-64-1	1 - 5
Acetophenone	98-86-2	0.1 - 1

3. Hazards Identification

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Odour	Charastics
Appearance	Brown
Contact with eyes	Causes irritation.
Contact with skin	In cases of severe exposure, irritation may develop.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Ingestion	Get immediate medical attention. Do not induce vomiting.

4. First Aid Measures

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Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. Get medical advice if necessary.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Obtain immediate medical attention. Never give anything by mouth to an unconscious person. Give plenty of water to drink.
Ingestion	Get immediate medical attention. Do not induce vomiting.
Inhalation	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop.

5. Fire-fighting Measures

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Flash Point:	68 ⁰ F(20 ⁰ c) Tagliague closed cup
Autoignition temperature:	Not determined
Flammable/Explosive limits - lower	Not determined
:	
Flammable/Explosive limits - upper	Not determined
:	

Extinguishing media :	Foam, Dry chemical or carbon dioxide. Water may be an ineffective extinguishing medium . In case of fire , keep containers cool with water spray.
Speacial firefighting procedures :	Wear full protective clothing . Wear self - contained breathing apparatus.
Unusual fire or explosion hazards :	Fire and Explosion hazards are DANGEROUS when this material is exposed to heat or flame . Vapors are heavier than air and will travel along floor to an ignition source.
Hazardous combustion products :	irritation and toxic gases or fumes may be released during a fire.
Sensitive to Mechanical impact :	Not available
Sensitive to static discharge :	Not available

6. Accidental Release Measures

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Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions:	Ventilate area. Pervent further leakage or spillage if safe to do so. Eliminate all source of ignition or flammables that could come in contact with a spill of this material. Wear appropriate protective equipment and clothing during clean- up.
Clean Up methods:	Absorb Spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal and state government regulations.

7. Handling and Storage

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Handling	Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling . Avoid breathing vapors of this product . Do not take internally. For industrial use only . keep away from heat, spark and flame.
Storage	For safe storage , store between 0°F (-17.8°C) and 120° F (48.9°C) keep container tightly closed and in a cool, well-ventilated area away from incompatible materials. Remove all Source of ignition.

8. Exposure controls and personal protection

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Engineering controls:	Use general vantilation and loal exhaust, where possible, in confined or enclosed spaces.
Respiratory protection :	If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respirator protection must be provided.
Eye/face protection:	Wear chemical goggles; face shield (if splashing is possible).
Skin protection :	Chemical resistant, impermeable gloves . Gloves should be tested to determine suitability for prolonged contact . use of protective clothing and boots are recommended.

9. Physical and chemical properties

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Physical state	Liquid
color	Brown
Odour	Charastics
Odour threshold	Not available
pH	< 2
Vapor pressure	Not determined
Boiling point/range	>82.2 °C (> 108°C)
Melting point/ range	-20°F (-28.9°C)
Specific gravity	1.02 - 1.05 at 60°F (15.56°C)
Vapor density	Not determined
Flash point	68°F (20OC) Tangliabue closed cup
Flammable / Explosive limits - lower	Not determined
Flammable / Explosive limits - upper	Not determined
Autoignition tempreture	Not determined
Evaporation rate	Not determined
Solubility in water	Appreciable
Partition coefficient (n-octanol/water)	Not determined
VOC content	27.2% EPA Method 24

10. Stability and reactivity

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- Stability** - stable at normal conditions
- Hazardous reactions** - Will not occur.
- Hazardous decomposition products** - Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.
- Incompatible materials** - This product may react with strong alkalis. Keep separate from strong oxidizing and strong reducing agents. Do not mix with chlorides.
- Conditions to Avoids** - Keep away from heat, ignition source and incompatible materials.

11. Toxicological information

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- 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, redness and irritation may develop.
- Contact with eyes** Causes irritation.
- Ingestion** May cause gastro-intestinal disturbances
- Carcinogenicity** No evidence of carcinogenic effects.

12. Ecological information

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- Ecological information:** Harmful to aquatic organisms.

13. Disposal considerations

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Recommended methods of disposal: Dispose of according to Federal, state and local gov

14. Transport information

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canada transportation of dangerous goods ground

- proper shipping name** liquid corrosive N.O.S.
- hazard class of division** 3(8)
- identification number** UN2924
- packing group** II

international air transportation

- proper shipping name** liquid corrosive n.o.s.
- hazard class or division** 3(8)

identification number UN2924

packing group II

water transportation

proper shipping name liquid crossive n.o.s.

hazard class or division 3(8)

identification number UN2924

packing group II

15. Regulatory information

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canada regulatory information

CEPA DSL NDSL All components are listed on or are exempt from listing on the canadian domestic substance list.

United states regulatory information

TSCA 8 (B) Inventory status All components are listed on or are exempt from listing on the Toxic substance control act inventory

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes. 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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