

1. Product and Company Identification

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Product Name

Hydro Testing Oxygen Scavenger

Part Number

: RXSOL-40-4035-210

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

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2. Composition / Information on ingredients

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Name of Substance	Cas Number
Ammonium Bisulphite	10192-30-0
Ethanediol	107-21-1
Quaternary Ammonium Chloride	68391-01-5
Propan-2-ol	67-63-0

3. Hazards Identification

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Signal Word	None
Hazard Statements	Causes severe skin burns and eye damage.
Precautionary statements - prevention	Keep only in original container. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection..
Precautionary statements - response	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IMMEDIATELY call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Storage: Store locked up. Store in corrosive resistant stainless steel container with a resistant inner liner. Disposal: Dispose of contents/ container to an approved waste disposal plant.

4. First Aid Measures

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Eye Contact	Rinse immediately with plenty of water, also under the eyelids, if present and easy to do. Continue rinsing. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing before reuse. Thoroughly clean shoes before reuse.
Inhalation:	If inhaled, If inhaled, remove to fresh air. If not breathing, provide artificial respiration.

Ingestion:

difficult, give oxygen. Call a physician.

Notes to Physicians

If swallowed, do not induce vomiting. Allow victim to drink water. Never give anything by mouth to an unconscious person. Treat symptomatically.

5. Fire-fighting Measures

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Suitable extinguishing media

Use extinguishing measures that are appropriate to local conditions and environment.

Protective Equipment

Use personal protective equipment.

Hazardous combustion products

Decomposition products may include the following materials: Nitrous gases (NO_x), Sulphur oxides, Ammonia (NH₃), Acrylonitrile.

Advice for firefighters

Wear self-contained breathing apparatus. Wear full protective clothing.

Specific extinguishing methods

Fire residues and contaminated fire extinguishing water should be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe the fumes.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from spillage. Avoid ingestion and contact with skin and eyes. Wear suitable protective equipment.

Environmental Precaution

Do not allow contact with soil, surface or ground water. Notify relevant authorities immediately.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then clean up (e.g. sand, earth, diatomaceous earth, vermiculite) and dispose of in accordance with / national regulations (see section 13). Flush away with water. Do not reuse material or otherwise contain material to ensure runoff.

7. Handling and Storage

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Advice on safe handling

Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid spray. Use only with adequate ventilation. Wash hands after use.

Storage

Do not store near acids. Keep out of reach of children. Store at temperature : 10 °C to 50 °C

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke while using. Remove protective equipment before entering eating areas.

8. Exposure controls and personal protection

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Exposure Limits:

Hygiene measures



Gloves Suit

Effective exhaust ventilation system. Maintain air c

Eye protection : Wear eye protection/ face protecti

Hand protection : Wear the following personal should be discarded and replaced if there breakthrough. **Skin protection :** Personal protecti safety goggles and protective clothing **Respiratory** above the exposure limit they must use appropriate

Ingredients	CAS No
Sulphur Dioxide	7446-09-5
Ethane-1-2-Diol	107-21-1
Oropan-2-ol	67-63-0

Handle in accordance with good industrial hygiene clothing before re-use. Wash face, hands and an suitable facilities for quick drenching or flushing hazard.

9. Physical and chemical properties

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Form	Liquid
Colour	Colourless to slightly Yellow
Odour	Acrid, slight odour of Sulphur dioxide
Boiling point and boiling range	No Data Available
Flash Point	>100°C
Freezing Point	No Data Available
pH	6
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	1.05-1.11 g/cm ³ (25°C)
Water solubility	Soluble
Solubility in other solvents	No data available
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available

Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available
VOC	No data available

10. Stability and reactivity

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Recativity	None
Stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Incompatible materials	Avoid to contact with strong acids Avoid to contact with oxidizing agents. Store away from aldehydes.
Hazardous Decomposition	Decomposition products may include the following materials: Sulphurous oxides (SO _x) Nitrous oxides (NO _x) Ammonia Amines
Condition to Avoid	None Known
Polymerization	Will not occur.

11. Toxicological information

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Route of Exposure	Inhalation, Eye contact, Skin contact
Eyes	Causes serious eye damage.
Skin	Causes severe skin burns.
Ingestion	Causes digestive tract burns
Inhalation	Inhalation of vapours leads to irritation of respiratory tract and mucous membranes, headache, nausea, dizziness Sensitisation possible through inhalation
Chronic Exposure	Health injuries are not known or expected under normal use.
Acute oral toxicity	LD50 200-2,000mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Classification	The classification was made by the conventional (calculation) method of Dangerous Preparations Directive(1999/45/EC)

12. Ecological information

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Environmental Effects	No data available
Toxicity to fish	No data available
Toxicity to daphnia and others	No data available
Toxicity to algae	No data available
Biodegradability	> 60% (28 d)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

13. Disposal considerations

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Remarks

Please consider the relevant national or regional p
that can be handled separately by the local or nation

Waste Disposal

The product should not be allowed to enter drains,
preferred to disposal or incineration. If recycling
regulations. Dispose of wastes in an approved waste

14. Transport information

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Land transport (DOT)

UN Number	1760
Proper shipping name	Corrosive liquid, n.o.s.
Class	8
Packing Group	II
Remarks	Shipment Permitted
Hazardous Indoucer(S)	Quaternary ammonium chloride

ADR/ADNR

UN Number	1760
Proper shipping name	Corrosive liquid, n.o.s.
Class	8
Packing Group	II
Remarks	Shipment Permitted
Hazardous Indoucer(S)	Quaternary ammonium chloride

IATA

UN Number	1760
Proper shipping name	Corrosive liquid, n.o.s.
Class	8
Packing Group	II
Remarks	Shipment Permitted
Hazardous Indoucer(S)	Quaternary ammonium chloride

International Maritime Dangerous Goods Code (IMDG) :

UN Number	1760
Proper shipping name	Corrosive liquid, n.o.s.
Class	8

Packing Group

Remarks

Hazardous Indoucer(S)

II

Shipment Permitted

Quaternary ammonium chloride

15. Regulatory information

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Labelling in accordance with EC-Directives:

R phrases

S phrases

Hazardous symbols

C Corrosive

22 Harmful if swallowed

31 Contact with acids liberates toxic gas

34 Causes burns

26 In case of contact with eyes, rinse immediately

27 Take off immediately all contaminated clothing

36/37/39 Wear suitable protective clothing, gloves

45 In case of accident or if you feel unwell, call a doctor (if possible).

60 This material and its container must be disposed of

HMIS

Health Hazard : 2

Fire Hazard : 2

Reactivity : 0

Personal Protection : H

Fire :

Health Hazard : 2

Fire Hazard : 2

Reactivity : 0

Specific Hazard : 0

16. Other information

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Other Information

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