# 1. Product and Company Identifaction

www.rxmarine.com

Product Name Hydro Testing Oxygen Scavenger

Part Number : RXSOL-40-4035-210

**Company Details:** 

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

Branch: Kandla, JNPT, Mumbai, Chennai, Vizag, Kolkata, Fujairah UAE, Muscat Barka Oman

Phone +91 22 27815540 / 41 / 42

Fax +91 22 2781 1318 :::AOH :0091 9821214367

Email <u>123@rxmarine.com</u>
Website <u>www.rxmarine.com</u>

# 2. Composition / Information on ingredients

www.rxmarine.com

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

www.rxmarine.com

Signal Word None

Hazard Statements Causes severe skin burns and eye damage.

Precautionary statements - Keep only in original container. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye

prevention protection..

Precautionary statements - response IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contam

Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Imm POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove copresent and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contamt

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

www.rxmarine.com

Eye Contact Rinse immediately with plenty of water, also under t

lenses, if present and easy to do. Continue rinsing. G

Skin Contact Wash off immediately with plenty of water for at le

clothing before reuse. Thoroughly clean shoes before

Inhalation: If inhaled, If inhaled, remove to fresh air. If not b

Ingestion:

Notes to Physicians

difficult, give oxygen. Call a physician.

If swallowed, do not induce vomiting. Allow victim water. Never give anything by mouth to an unconscio

Treat symptomatically.

# 5. Fire-fighting Measures

www.rxmarine.com

Suitable extinguishing media

Protective Equipment

Hazardous combustionproducts

Advice for firefighters

Specific extinguishing methods

Use extinguishing measures that are appropriate to l

environment.

Use personal protective equipment.

Decomposition products may include the following mater Nitrous gases (NOx), Sulphur oxides, Ammonia (NH3), A

Wear self-contained breathing apparatus. Wear full prote

Fire residues and contaminated fire extinguishing water local regulations. In the event of fire and/or explosion do

## 6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures

Environmental Precaution

Methods and materials for containment and cleaning up

Ensure adequate ventilation. Keep people away fr ingestion and contact with skin and eyes. Wear su protective equipment.

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

relevant authorities immediately.

Stop leak if safe to do so. Contain spillage, and ther (e.g. sand, earth, diatomaceous earth, vermiculite) an / national regulations (see section 13). Flush away material or otherwise contain material to ensure runo.

# 7. Handling and Storage

www.rxmarine.com

Advice on safe handling

Storage

Advice on general occupational hygiene

Do not ingest. Do not get in eyes, on skin, or on clo spray. Use only with adequate ventilation. Wash han

Do not store near acids. Keep out of reach of chi

temperature : 10 °C to 50 °C

Wash hands after use. Do not to eat, drink and smok protective equipment before entering eating areas.

# 8. Exposure controls and personal protection

www.rxmarine.com

Engineering Control

Personal Protection

**Exposure Limits:** 

Hygiene measures

Effective exhaust ventilation system. Maintain air c

Eye protection: Wear eye protection/ face protect 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 ar suitable facilities for quick drenching or flushing hazard.





# **Gloves Suit**

# 9. Physical and chemical properties

www.rxmarine.com

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

No data available 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 Relative vapor density No data available 1.05-1.11 g/cm3 (25?C) Relative density

Water solubility Soluble

Solubility in other solvents

Partition coefficient: octanol

Autoignition temperature

Thermal decomposition

Viscosity, kinematic

No data available

No data available

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

www.rxmarine.com

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 (SOx) Nitrous oxides (NOx)

Ammonia Amines

Condition to Avoid None Known
Polymerization Will not occur.

## 11. Toxicological information

www.rxmarine.com

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, dizzin

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

www.rxmarine.com

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

# 13. Disposal considerations

www.rxmarine.com

Remarks

Waste Disposal

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

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

# 14. Transport information

www.rxmarine.com

#### Land transport (DOT)

UN Number

Proper shipping name

Class

Packing Group

Remarks

Hazardous Indoucer(S)

Π

Corrosive liquid, n.o.s.

Shipment Permitted

1760

8

Quaternary ammonium chloride

#### ADR/ ADNR

UN Number

Proper shipping name

Class

Packing Group

Remarks

Hazardous Indoucer(S)

1760

Corrosive liquid, n.o.s.

II

Shipment Permitted

Quaternary ammonium chloride

### **IATA**

UN Number

Proper shipping name

Class Packing Group

Remarks

Hazardous Indoucer(S)

1760

Corrosive liquid, n.o.s.

8 II

Shipment Permitted

Quaternary ammonium chloride

#### **International Maritime Dangerous Goods Code (IMDG):**

UN Number

Proper shipping name

Class

1760

Corrosive liquid, n.o.s.

8

**Packing Group** 

Remarks

Hazardous Indoucer(S)

II

**Shipment Permitted** 

Quaternary ammonium chloride

# 15. Regulatory information

www.rxmarine.com

Labelling in accordance with EC-Directives:

R phrases

S pharses

HMIS

Health Hazard : 2
Fire Hazard : 2
Reactivity : 0
Personal Protection : H

Fire:

Health Hazard : 2
Fire Hazard : 2
Reactivity : 0
Specific Hazard : 0

Hazardous symbols

C Corrosive

22 Harmful is swallowed

31 Contact with acids liberates toxic gas

34 Causes burns

26 In case of contact with eyes, rinse immediate 27 Take off immediately all contaminated cloth 36/37/39 Wear suitable protective clothing, glo 45 In case of accident or if you feel unwell possible).

60 This material and its container must be dispo

### 16. Other information

www.rxmarine.com

Other Information

The information above is believed to be accurate available to us. However, we make no warranty of implied, with respect to such information, and we should make their own investigations to determine the particular purposes. In no event shall be liable for art for lost profits or any special, indirect, incidental, arising, even if **Rx Marine International** has been a

DISCLAIMER OF LIABILITY: The information is believe are reliable. However, the information is pr regarding its correctness. The conditions or methods are beyond our control and may be beyond our kn

assume responsibility and expressly disclaim liability any way connected with the handling, storage, use or and is to be used only for this product. If the product MSDS information may not be applicable.