

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6190-500  
Product Type Hydrogen Peroxide with Silver Nitrate Microquell shield

### Company Details:

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

Stock Point ::: Mumbai, Kandla, Kolkata, Vizag, Chennai, Fujairah UAE, Oman Muscat

Phone +91 22 27815541 / 42  
Fax +91 22 2781 1318 :::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Hydrogen Peroxide 50%	7722-84-1	8-10%	V/V	OSHA TWA 1 ppm (1.4 mg/m <sup>3</sup> )
Water, Deionized ASTM Type II	7732-18-5	91.1 %	V/V	None Established
Silver Nitrate Solution	7761-88-8	0.01%	w/v	

## 3. Hazards Identification

www.rxmarine.com

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Emergency Overview:Warning! May be Harmful if Swallowed. Causes Eye Irritation.

Inhalation:Not Expected to be a Health Hazard under Normal Conditions.

Ingestion:Large Oral doses May Cause Irritation and Blistering to the Mouth, Throat, and Abdomen. May also Cause Abdominal Pain, Vomiting, and Diarrhea.

Skin:No Adverse Effects Expected on Intact Skin. Contact on Burn or Open Skin may Cause Stinging Pain or Irritation.

Eye Contact:Causes Irritation, Redness, and Pain.

Chronic Exposure:No Information Found.

## 4. First Aid Measures

www.rxmarine.com

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Do not use eye drops. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, provide artificial respiration. If breathing is difficult, give oxygen.
INGESTION:	Give several glasses of milk or water. Vomiting may occur spontaneously. Do not induce vomiting unless necessary to induce. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

www.rxmarine.com

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire.
Fire / Explosion Hazards:	Caution: Contact with combustible materials may cause a fire.
Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

www.rxmarine.com

Dilute with water. Flush excess down drain. Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust.

7. Handling and Storage

www.rxmarine.com

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

8. Exposure controls and personal protection

www.rxmarine.com

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

www.rxmarine.com

BOILING POINT	~100° C
VAPOR PRESSURE	not available
MELTING POINT	~0° C
VAPOR DENSITY	not available
EVAPORATION RATE	1
Appearance /Odors	Colorless, odorless liquid
Flash Point	not flammable
Specific Gravity	~1.01

Product Validity by	0005
Expiration Date/lot	none

Heavy Metals: Lead in Air	Not applicable
Lower Phases: Lead in Air	Not applicable
Upper Phases: Lead in Air	Not applicable
Solubility in Water	Soluble

## 10. Stability and reactivity

www.rxmarine.com

### STABILITY

CONDITIONS TO AVOID Temperature extremes, heat, light

### MATERIALS TO AVOID

Flammable, combustible, Cyanides,  
Acids, peroxides, Reducing agents

### HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen, Oxygen

HAZARDOUS POLYMERIZATION not expected to occur

Conditions to Avoid None known

## 11. Toxicological information

www.rxmarine.com

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- 3

## 12. Ecological information

www.rxmarine.com

No Information Found.

## 13. Disposal considerations

www.rxmarine.com

Dilute with Water and Flush to Sewer if Local Ordinances allow, Otherwise, Whatever Cannot be saved for recovery or recycling should be managed in an appropriate and approved waste Disposal Facility. Processing, use or Contamination of this product may change the waste management options. State and Local Disposal Regulations may Differ from Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federal, State and Local Requirements.

## 14. Transport information

www.rxmarine.com

International (Water, IMO, IATA)

Not Regulated

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

## 15. Regulatory information

www.rxmarine.com

Chemical Inventory Status ☒

Part 1:Ingredient

Hydrogen Peroxide (7722-84-1)

TSCA Yes

EC Yes

Japan No

Australia Yes

Chemical Inventory Status ☐

Part 2:Ingredient

Hydrogen Peroxide (7722-84-1)

Korea Yes

DSL Yes

NDSL No

Phil. Yes

Federal, State & International Regulations ☐

Part 1: Ingredient.

Hydrogen Peroxide (7722-84-1)

RQ NO

TPQ NO

List NO

Chemical Catg No

Federal, State &

International Regulations ☐

Part 2:Ingredient

Hydrogen Peroxide (7722-84-1)

CERCLA No

261.33 No

8(d) No

Chemical Weapons Convention:No

TSCA 12 (b):YES

CDTA:NO Mixture/Liquid)

SARA 311/312: Acute: Yes

Chronic: NO

Fire: No

Pressure: No

Reactivity: No

Australian Hazchem Code: None

Poison Schedule: S5

## 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

Solution has oxidizing properties. Skin contact may cause irritation, burns, Eye contact may cause irritation, discomfort, burns. Ingestion may release large amounts of oxygen, Cause burns to GI and intestinal tract. Treat symptomatically. Persons with preexisting skin, eye or mucous membrane disorders may be more

### Flammability

### Health

### Reactivity

### Revisions

### NFPA

5/10/2011

0.2 Revised sec 14 LS

7/29/2010

0.1 updated msds to 16 section from 10  
section msds. STN

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material

**DISCLAIMER OF LIABILITY :**The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.