

1. Product and Company Identification

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Product Name RXSOL-60-6190-500
Product Type Hydrogen Peroxide 6% Soutlion

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Hydrogen Peroxide 35%	CAS# 7722-84-1	6%	V/V	OSHA TWA 1 ppm (1.4 mg/m ³)
Water, Deionized ASTM Type II	CAS# 7732- 18-5	94 %	V/V	None Established

3. Hazards Identification

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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 Irritaiton 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

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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

INGESTION:

occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

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Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards:

Oxidizer. Contact with combustible materials may cause a fire.

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

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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

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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

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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

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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

Percent Volatile by

100%

Evaporation Standard

water-1

Auto Ignition Temp

Not applicable

Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble

10. Stability and reactivity

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STABILITY	Stable
CONDITIONS TO AVOID	Temperature extremes, heat, light
MATERIALS TO AVOID	Flammables, combustibles, Cyanides, Acids, permanganates, Reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Hydrogen, Oxygen
HAZARDOUS POLYMERIZATION	Not expected to occur
Conditions to Avoid	None known

11. Toxicological information

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

12. Ecological information

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No Information Found.

13. Disposal considerations

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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

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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

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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

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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

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