Material Safety Data Sheet

Hardness Buffer Powder (RXSOL-60-6235-100)

1. Product and Company Identifaction

Product Name	RXSOL-60-6235-100
Product Type	Hardness Buffer Powder

Company Details:

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

STOCK POINT ::: Mumbai, Kandla, Chennai, Kolkata, Visakhapatnam, Fujairah

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

2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Boric Acid, Disodium Salt Pentahydrate	CAS# 12179-04-3	7-13%	W/W	OSHA PEL 15 mg/mƒ (total dust)
Potassium Permanganate	CAS# 7722-64-7	3-7%	W/W	OSHA PEL (C)5 mg/mƒ (air)
Sodium Sulfide	CAS# 1313-82-2	2%	W/W	TXDS: orl-rat LD••: 200 mg/Kg

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview: May cause irritation to the skin. May cause moderate irritation to the eyes. Dusts may cause irritation to the upper respiratory tract. DOT hazard is not applicable

Inhalation: Dusts may cause irritation to the upper respiratory tract.

Ingestion: May cause slight gastrointestinal irritation.

Skin: May cause slight irritation to the skin.

Eyes: May cause moderate irritation to the eyes.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

Emergency Overview:May Cause Respiratory, Gastrointestinal, and Skin Irritation.
Severe Irritant to the Eyes.

Inhalation:Mists / Aerosols may Cause Irritation to Upper Respiratory Tract.

Ingestion:May Cause Gastrointestinal Irritation with Possible Nausea, Vomiting, Abdominal Discomfort and Diarrhea.

Skin:Primary Route of Exposure; May Cause Moderate Irritation to the Skin.

Eye Contact:Severe Irritant to the Eyes, Possibly Corrosive.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

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. Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION:	Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Fire Extinguisher Type:	Carbon Dioxide, dry chemical powder, or appropriate foam
Fire / Explosion Hazards:	None Known
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal. Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Spills: Sweep up and Containerize for Reclamation or Disposal. Vacuuming or Wet Sweeping may be Used to Avoid Dust Dispersal. Wet Area may be Slippery. Spread Sand / Grit.

7. Handling and Storage

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

8. Exposure controls and personal protection

Respiratory Protection	NIOSH/MSHA-approved respirator
Ventilation	Local
OTHER	Mechanical
Protective Gloves	NWear appropriate gloves to prevent skin exposure
EYE PROTECTION	Chemical Safety Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	Information not available
VAPOR PRESSURE	Information not available
MELTING POINT	Information not available
VAPOR DENSITY	Information not available
EVAPORATION RATE	1.00
Appearance /Odors	White powder slight sulfur odor
Flash Point	>200C
Specific Gravity	Information not available
Percent Volatile by	Information not available
Evaporation Standard	Ether =1
Auto Ignition Temp	Info not available
Lower Flamm. Limit in Air	info not available
Upper Flamm. Limit in Air	info not available
Solubility in Water	Information not available

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None known
MATERIALS TO AVOID	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition yields elemental oxides.
HAZARDOUS POLYMERIZATION	Will Not Occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

Environmental Fate:No Information Found.

Environmental Toxicity:No Information Found.

13. Disposal considerations

Water Contaminated with this Product may be Sent to a Sanitary Sewer Treatment Facility, in Accordance with any Local Agreement, a Permitted Waster Treatmenst Facility or Discharged Under a Permit. Product as is - Incinerate or Land Dispose in an Approved Landfill.

14. Transport information

DOT Classification: Not Regulated

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

15. Regulatory information

Components listed on TSCA Inventory.

16. Other information

eyes & skin:flush affected area with large amounts of water.inhal: remove to fresh air.ingest:give two large glasses of water. In all cases seek medical attention. Conditions aggravated/target organ.Persons with pre-existing eye,skin or respiratory condition may be

Flammability

Health Reactivity

Revisions	NFPA
7/30/2010	0.1 updated msds to 16 section from 10 section msds. STN 0

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