Material Safety Data Sheet

Hardness Titration Solution - I (RXSOL-62-5531-001)

1. Product and Company Identifaction

Product Name	RXSOL-62-5531-001
Product Type	Hardness Titration Solution - I

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
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2. Composition / informationon ingredients

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
	Ethylenedinitrilotetra - acetic Acid, Disodium Salt	CAS# 6381-92-6	0.1 -0.5%	W/V	None established
	Water, Deionized ASTM Type II	CAS# 7732- 18-5	98.05%	V/V	None established

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:Caution! May Cause Irritation to Skin and Eyes.

Inhalation:No Adverse Health Effects Expected from Inhalation.

Ingestion:Substance has Low Toxicity by Ingestion. Large Amounts May Cause Gastrointestinal Upset due to Osmotic Imbalance Caused by its ability to Sequester Metal Ions.

Skin:May Cause Irritation with Redness and Pain.

Eye Contact:May Cause Irritation, Redness and Pain.

Chronic 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.

FIRST AID: 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 water. Vomiting may occur, but it is not necessary to induce.

5. Fire-fighting Measures

Fire Extinguisher Type	Any means suitable for extinguishing
Fire / Explosion Hazards	None
Fire Fighting Procedure	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

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 (Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer

7. Handling and Storage

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent exposure
EYE PROTECTION	Safety Glasses w/Side Shields
Other Protective Equipment	Use safe laboratory handling procedures.

9. Physical and chemical properties

BOILING POINT	~100°C (212°F)
VAPOR PRESSURE	Information not available
MELTING POINT	~0°C (32° F)
VAPOR DENSITY	Information not available
EVAPORATION RATE	1
Appearance /Odors	Clear, colorless, odorless liquid
Flash Point	Not applicable
Specific Gravity	~1.0
Percent Volatile by	>99
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

STABILITY	Stable
CONDITIONS TO AVOID	Avoid contact with incompatible materials.
Materials to Avoid	Concentrated Acids and Bases, Water reactive materials.
Hazardous Decomposition Products:	Carbon monoxide, nitrogen oxides, ammonia
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

No Information Found.

13. Disposal considerations

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

DOT Classification: Not Regulated

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

15. Regulatory information

Chemical Inventory Status –
Part 1:Ingrdient
EDTA Disodium Salt (139-33-3)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
EDTA Disodium Salt (139-33-3)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
EDTA Disodium Salt (139-33-3)
RQ NO
TPQ NO
List NO
Chemical Catg No

Federal, State & International Regulations –
Part 2:Ingredient
EDTA Disodium Salt (139-33-3)
CERCLA NO
261.33 No
8(d) No

Chemical Weapons Convention:No
TSCA 12 (b):No
CDTA:Yes Mixture/Liquid)
SARA 311/312: Acute: NO
Chronic: NO
Fire: No
Pressure: No
Reactivity: No
Australian Hazchem Code: None
Poison Schedule: None allocated

16. Other information

Conditions aggravated/target organs: Persons with preexisting skin, eye and respiratory disorders may be more susceptible. Acute: Possible skin and eye irritation. Chronic: None known.

	Flammability	
Health		Reactivity

Revisions	NFPA

7/29/2010	0.1 updated msds to 16 section from 10
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