Material Safety Data Sheet

Bromophenol Blue Indicator Solution (RXSOL-60-6268-100)

1. Product and Company Identifaction

Product Name	Bromophenol Blue Indicator Solution
Product Type	RXSOL-60-6268-100

Company Details:

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

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

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
Bromophenol Blue Sodium Salt	CAS# 62625-28-9	1%	w/V	None Established
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	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: May Cause Stomach Upset if Swallowed. May cause Irritation To Skin and Eyes.

Inhalation: No Adverse Health Effects Expected from Inhalation.

Ingestion: Large Doses may Cause Stomach Upset

Eye Contact: Splashes may Cause Irritation.

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 If large amounts are swallowed give water to drink and seek medical aid.

5. Fire-fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
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. Flush excess down drain iof local ordinances allow.

Ventilate area or 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

7. Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl
EYE PROTECTION	Safety Glassesw/Side Shields
Other Protective Equipment	Use safe laboratory handling procedures.

9. Physical and chemical properties

BOILING POINT	~100°C (212°F)
VAPOR PRESSURE	not available
MELTING POINT	~0°C (32° F)
VAPOR DENSITY	not available
EVAPORATION RATE	information not available
Appearance /Odors	Clear blue odorless liquid

Flash Point	Not applicable
Specific Gravity	~1.0
Percent Volatile by Evaporation Standard	>99%
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	Combustible Materials, such as Saw Dust.Concentrated acids and bases, water-reactive materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Not known to occur
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

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

12. Ecological information

Environmental Fate: No Information Found

Environmental Toxicity: No Information Found

13. Disposal considerations

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 Faclility. Precessing, use or Contamination of this product may change the waste manangement options. State and Local Disposal Regulations may Differ grom Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federalm 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
Bromophenol Blue (115-39-9)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
Bromophenol Blue (115-39-9)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
Bromophenol Blue (115-39-9)
RQ No
TPQ No
List NO
Chemical Catg No

Federal, State &
International Regulations –
Part 2:Ingredient
Bromophenol Blue (115-39-9))
CERCLA No
261.33 No
8(d) No

Chemical Weapons Convention: No
TSCA 12 (b):No
CDTA:No MIXTURE/LIQUID
SARA 311/312: Acute: YES
Chronic: No
Fire: No
Pressure: No
Reactivity: No

Australian Hazchem Code: None allocated
Poison Schedule: None allocated

16. Other information

Conditions aggravated/target organs: Persons with preexisting skin,eye and respiratory conditions may be more susceptible. Acute:Possible skin and eye irritant. Chronic: Noneknown

Flammability

Health Reactivity

Revisions	NFPA
	0
8/2/2010	0.1 updated msds to 16 section from 10 section msds. STN

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