Material Safety Data Sheet

BromoCresol Green -Methyl Orange (RXSOL-60-6245-100)

1. Product and Company Identifaction

Product Name	RXSOL-60-6245-100
Product Type	Bromocresol Green -Methyl Orange

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat, Nairobi

Phone	+91 22 65113333 / 5555 / 9999
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
Bromocresol Green Sodium Salt	CAS# 62625- 32-5	0.01 - 1%	W/V	None Established
Methyl Orange Sodium	CAS# 547-58-0	0.01 - 1%	W/V	TXDS: orl-rat LD: 60
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:Warning! Harmful If Swallowed. Causes Irritation to skin and eyes. May cause respiratory tract irritation.

Inhalation:No Adverse Health Effects Expected from Inhalation.

Ingestion:Large Doses may Cause Stomach Upset.

Skin:Not Expected to be a Health Hazard. May Cause Slight Irritation.

Eye Contact:Splashes may Cause Irritation.

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.

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 Known.
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 (vermiculite, sand, earth). 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

This Material is not considered hazardous. Handle using safe laboratory practices. Protect from freezing and direct sunlight.

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 Glasses
Other Protective Equipment	Use safe laboratory handling procedures.

9. Physical and chemical properties

BOILING POINT	~100°C
VAPOR PRESSURE	Information not available
MELTING POINT	~0°C
VAPOR DENSITY	Information not available
EVAPORATION RATE	1

Appearance /Odors	Clear Green-blue / None
Flash Point	Not flammable
Specific Gravity	1
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	None Known
MATERIALS TO AVOID	Concentrated acids and bases, water-reactive materials
HAZARDOUS DECOMPOSITION PRODUCTS	None Known
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

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
Methyl Orange Sodium Salt (547-58-0)
Bromocresol Green Sodium Salt (62625-32-5)
TSCA Yes YES
EC Yes YES
Japan YES NO
Australia Yes NO

Chemical Inventory Status –
Part 2:Ingredient
Methyl Orange Sodium Salt (547-58-0)
Bromocresol Green Sodium Salt (62625-32-5)
Korea YES NO
DSL Yes YES
NDSL No NO
Phil. Yes YES

Federal, State & International Regulations –
Part 1: Ingredient.
Methyl Orange Sodium Salt (547-58-0)
Bromocresol Green Sodium Salt (62625-32-5)
RQ No NO
TPQ No NO
List NO NO
Chemical Catg No NO

Federal, State &
International Regulations –
Part 2:Ingredient
Methyl Orange Sodium Salt (547-58-0)
Bromocresol Green Sodium Salt (62625-32-5)
CERCLA NO NO
261.33 No NO
8(d) No 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

Poison Schedule:NONE ALLOCATED

16. Other information

Conditions aggravated/Target organs: None known. Acute: slight irritation possible to skin, eyes, lungs, mucous membranes and GI tract. Chronic: None known.

NFPA

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

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