

1. Product and Company Identification

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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

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Fax +91 22 2781 1318 :::AOH :0091 9821214367
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2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<small>Bromocresol Green Sodium Salt</small>	<small>CAS# 6220-10-6</small>	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

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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

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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

EYES:

medical attention.

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

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Fire Extinguisher Type:

Any means suitable for extinguishing non-flammable gas

Fire / Explosion Hazards:

None Known.

Fire Fighting Procedures:

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

6. Accidental Release Measures

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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

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This Material is an oxidizing liquid. Handle using safe laboratory practices. Protect from freezing and direct sunlight.

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

Safety Glasses

Other Protective Equipment

Use safe laboratory handling procedures.

9. Physical and chemical properties

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BOILING POINT

—00°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 Determined

Specific Gravity

Precise Methods by	20°C
Equipment Standard	Water 1
Ann Ignition Temp	No applicable
Lower Flamm. Limit in Air	No applicable
Upper Flamm. Limit in Air	No applicable
Solubility in Water	Soluble

10. Stability and reactivity

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STABILITY

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

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

12. Ecological information

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Environmental Fate: No Information Found

Environmental Toxicity: No Information Found

13. Disposal considerations

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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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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: Ingradient

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

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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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