

1. Product and Company Identification

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Product Name : Methyl Red ACS
Part Number : RXSOL-19-1490-500

Company Details:

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

Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore.

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2. Composition / Information on ingredients

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Name of Substance	Cas Number
Methyl red	493-52-7

3. Hazards Identification

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Classification	Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Label Elements	None required
Hazards not otherwise classified (HNOC)	None identified

4. First Aid Measures

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Eye Contact	Rinse immediately with plenty of water, also un attention
Skin Contact	Wash off immediately with plenty of water for at symptoms occur
Inhalation:	Remove to fresh air. Get medical attention immedi
Ingestion:	Clean mouth with water and drink afterwards plen
Most important symptoms and effects	None reasonably foreseeable.
Notes to Physicians	Treat symptomatically.

5. Fire-fighting Measures

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Suitable extinguishing media	Water spray, carbon dioxide (CO2), dry chemical,
Protective Equipment	As in any fire, wear self-contained breathing apparatus (equivalent) and full protective gear.
Specific Hazards Arising from the Chemical	Thermal decomposition can lead to release of toxic gases. Move container away from heat and sources of ignition.
Hazardous Combustion Products	Nitrogen oxides (NOx).
NFPA	Health Flammability Instability Physical hazards
	1 1 0 N/A

6. Accidental Release Measures

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Personal precautions	Use personal protective equipment as required. Ensure adequate ventilation.
Environmental Precaution	Should not be released into the environment. See Section 9 for disposal instructions.
Methods for Containment and Clean Up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Use suitable containers for disposal. Avoid dust formation.

7. Handling and Storage

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Advice on safe handling	Wear personal protective equipment/face protection. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated area.

8. Exposure controls and personal protection

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Exposure Guidelines	This product does not contain any hazardous materials. Refer to relevant region specific regulatory bodies for further information.
Engineering Measures	None under normal use conditions.
Personal Protection	Eye/face Protection: Wear appropriate protective eyewear in accordance with OSHA's eye and face protection regulations in 29 CFR 1910.133. Skin and body protection: Wear appropriate protective clothing. Respiratory Protection: No protective equipment required. Hygiene Measures: Handle in accordance with good hygiene practices.

9. Physical and chemical properties

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Form	Solid
Appearance	Reddish violet
Odour	Odorless
Boiling point and boiling range	No information available
Melting Point/Range	178 - 182 °C / 352.4 - 359.6 °F
Flash Point	Not applicable
Freezing Point	No Data Available
pH	No information available
Evaporation rate	Not applicable
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available

Vapor pressure	negligible
vapor density	Not applicable
Solubility	Insoluble in water
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Molecular Formula	C15H15N3O2
Molecular weight	269.30
VOC	No data available

10. Stability and reactivity

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Recativity	None known, based on information available
Stability	Stable under normal conditions.
Hazardous Reactions	None under normal processing
Incompatible materials	Strong oxidizing agents
Hazardous Decomposition Products	Nitrogen oxides (NOx)
Condition to Avoid	Avoid dust formation. Incompatible products. Excess heat.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

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Acute Toxicity	Product Information: No acute toxicity information is available for this product
	Component Information:
	Toxicologically Synergistic : No information available
Irritation	No information available
Sensitization	No information available
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.
	Componant CAS-No IARC NTP ACGIH OSHA Mexico
	Methyl red 493-52-7 Not Listed Not Listed Not Listed Not Listed Not Listed
Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Teratogenicity	No information available.
STOT - single exposure	None known
STOT - repeated exposure	None known
Aspiration hazard	No information available
Symptoms / effects,both acute and delayed	No information available
Other Adverse Effects	The toxicological properties have not been fully investigated.

12. Ecological information

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Ecotoxicity	Do not empty into drains.
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Persistence and Degradability	Persistence is unlikely
Bioaccumulation/ Accumulation	No data available
Mobility	Is not likely mobile in the environment due its low water solubility.
	Componant log Pow
	Methyl Red 3.83
Biodegradability	> 60% (28 d)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

13. Disposal considerations

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Waste Disposal Methods

Chemical waste generators must determine whether the waste is hazardous. Chemical waste generators must also comply with applicable regulations to ensure complete and accurate classification.

14. Transport information

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DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. Regulatory information

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United States of America Inventory

Component CAS No TSCA TSCA Inventory No

Methyl red 493-52-7 X ACTIVE -

TSCA - Toxic Substances Control Act, (40 CFR Part 355)

TSCA 12(b) - Notices of Export

safety assessment

This product does not contain any DHS chemicals.

16. Other information

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Other Information

The information above is believed to be accurate and reliable. However, we make no warranty, expressed or implied, with respect to such information, and we make their own investigations to determine the accuracy of the information for their own purposes. In no event shall we be liable for any claims or damages, or any special, indirect, incidental, consequential or punitive damages, arising out of the use of the information. **Marine International** has been advised of the potential risks.

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