Material Safety Data Sheet

SODIUM NITRO PRUSIDE AR (RXSOL-60-6605-543)

1. Product and Company Identifaction

Product Name	SODIUM NITROPRUSIDE AR
Part Number	RXSOL-60-6605-543

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone	+91 22 20871200 - 1400
Fax	+91 22 27612100 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Chemical Name	CAS	EC number	Weight
SODIUM NITROPRUSIDE AR	13755-38-9	238-373-9	100

3. Hazards Identification

Signal Word	Danger
Hazard Statements	H301 - Toxic if swallowed
Precautionary statement(s)	P264 - Wash exposed skin thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P330 - If swallowed, rinse mouth P405 - Store locked up. P501 - Dispose of contents/container to comply with local, state and federal regulations..
Other hazards	None under normal conditions

0

4. First Aid Measures

First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Allow affected person to breathe fresh air. Allow the victim to rest
First-aid measures after skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a poison center or doctor/physician
Potential Adverse human health effects and	Based on available data, the classification criteria are not met. Toxic if swallowed.
Symptoms/effects	If you feel unwell, seek medical advice.
Symptoms/effects after inhalation	Dizziness. Headache.

Symptoms/effects after skin contact	Irritation.
Symptoms/effects after eye contact	May cause slight irritation.
Symptoms/effects after ingestion	Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
Symptoms/effects upon intravenous	Not available.

5. Fire-fighting Measures

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.
Fire hazard	No fire hazard.
Explosion hazard	No data available on indirect explosion hazard. No data available on direct explosion hazard.
Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

General measures	Absorb spillage to prevent material-damage. Isolate from fire, if possible, without unnecessary risk. Evacuate area.
Protective equipment	Safety glasses. Gloves. Dust mask
Emergency procedures	Evacuate unnecessary personnel.
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Ventilate area.
Methods for cleaning up	On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.
Other information	Dispose of materials or solid residues at an authorized site

7. Handling and Storage

Storage conditions	Keep only in the original container in a cool, well ventilated place away from : Ignition sources, Heat sources, incompatible materials. Keep container closed when not in use.
Incompatible products	Strong oxidizers. Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Storage area	Keep locked up. Store in a cool area. Store in a well-ventilated place.

8. Exposure controls and personal protection

Appropriate engineering controls	Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Personal protective equipment:	Gloves. Safety glasses.
Hand protection:	Wear protective gloves.
Eye protection:	Chemical goggles or safety glasses
Respiratory protection:	Respiratory protection not required in normal conditions
Other information:	Do not eat, drink or smoke during use.

9. Physical and chemical properties

Physical state	Solid
Appearance	Crystalline solid
Color	Red
Odor Threshold	Odor threshold
pH	Not Applicable
Melting Point	No data available
Boiling Point	No data available
Flash Point	No data available
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Flammability (solid, gas)	No data available
Explosive limits	No Data Available
Autoignition temperature	No data available
Decomposition temperature	No data available
Vapour pressure	No Data Available
Density	lable Density :1
Explosive properties	None
Solubility	Soluble in water.

10. Stability and reactivity

Reactivity	Product is not explosive.
Chemical stability	Stable under normal conditions. Not established.
Possibility of hazardous reactions	Contact with acids liberates toxic gas. Not established.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong oxidizers. Strong acids. Strong bases.
Hazardous Polymerization	Hydrogen cyanide. fume. Carbon monoxide. Carbon dioxide

11. Toxicological information

Acute toxicity (oral)	Toxic if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
LD50 oral rat	99 mg/kg
ATE US (oral)	99 mg/kg body weight
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Not classified
Carcinogenicity	No data available
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Viscosity, kinematic	No data available
Likely routes of exposure	Skin and eye contact
Potential Adverse human health effects and symptoms	Based on available data, the classification criteria are not met. Toxic if swallowed.
Symptoms/effects	If you feel unwell, seek medical advice.
Symptoms/effects after inhalation	Dizziness. Headache.
Symptoms/effects after skin contact	Irritation
Symptoms/effects after eye contact	May cause slight irritation

Symptoms/effects after ingestion	Toxic if swallowed. Swallowing a small quantity of this material will result in serious health
Symptoms/effects upon intravenous	Not available

12. Ecological information

Toxicity	No additional information available
Persistence and degradability	Not established
Bioaccumulative potential	No data available
Mobility in soil	No additional information available
Other information	Avoid release to the environment.
Other adverse effects	No data available

13. Disposal considerations

Regional legislation (waste)	Disposal must be done according to official regulations
Waste disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	Avoid release to the environment. Hazardous waste due to toxicity

14. Transport information

Transport document description	UN1588 Cyanides, inorganic, solid, n.o.s. (Sodium nitroferricyanide), 6.1, III
UN-No.(DOT)	UN1588
Proper Shipping Name (DOT)	Cyanides, inorganic, solid, n.o.s
Transport hazard class(es) (DOT)	6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132
Packing group (DOT)	III - Minor Danger
Hazard labels (DOT)	6.1 - Poison
DOT Packaging Non Bulk (49 CFR 173.xxx)	213
DOT Packaging Bulk (49 CFR 173.xxx	240
DOT Special Provisions (49 CFR 172.102)	
Special precautions for user	Tunnel restriction code : (D/E) Further information : No data available

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Safety, health and environmental regulations specific for the product in question	NA
Authorisation and/or restrictions on use	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Sodium chromate tetrahydrate This product contains a substance listed on Annex XIV of the REACH Regulation (EC) Nr. 1907/2006. Listed substance / Sunset Date : Sodium chromate tetrahydrate / 21.09.2017 After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate. REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Sodium chromate tetrahydrate
National legislation	Seveso III: Directive 2012/18/EU of the European : ENVIRONMENTAL HAZARDS Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : ACUTE TOXIC
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.