

1. Product and Company Identification

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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.rxmarine.com

2. Composition / Information on ingredients

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

3. Hazards Identification

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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

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4. First Aid Measures

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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

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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

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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

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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.
	hazardous materialsStorage class (TRGS 510): 6.1A: Combustible, acute toxic Cat. 1 and 2 / very toxic
	hazardous materials
Storage area	Keep locked up. Store in a cool area. Store in a well-ventilated place.

8. Exposure controls and personal protection

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Appropriate engineering controls	Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
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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

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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

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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

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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

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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

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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

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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

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Safety, health and environmental regulations/legislation specific for the This material safety data sheet complies with the requirements of

substance or mixture	Regulation (EC) No. 1907/2006.
Safety, health and environmental regulations specific for the product in NA question	
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

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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 we assume 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 we 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.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

PALLADIUM ACETATE RXSOL-60-6605-160

PALLADIUM HYDROXIDE 20% ON CHARCOAL RXSOL-60-6605-163

PALLADIUM NITRATE 44% PD content RXSOL-60-6605-164

PALLADIUM SPONGE 99.9% POWDER RXSOL-60-6605-165

PALLADIUM CALCIUM CARBONATE 10% pd RXSOL-60-6605-166

PARAFFIN WAX 58 60C BLOCK BRICKS RXSOL-60-6605-180

P DIMETHYL AMINO BENZALDEHYDE AR RXSOL-60-6605-192

P DIMETHYL AMINO CINNAMALDEHYDE AR RXSOL-60-6605-193

PEPTONE BACTERIOLOGICAL GRANULAR RXSOL-60-6605-197

PETROLEUM ETHER 100-2000 C FOR SYNTHESIS RXSOL-60-6605-205

PHENOL RED INDICATOR SOLUTION RXSOL-60-6605-215

PHENOLDISULPHONIC ACID SOLUTION 25% RXSOL-60-6605-216

PHENOLPHTHALEIN INDICATOR RXSOL-60-6605-218

PHENYL CHLOROFORMATE FOR SYNTHESIS RXSOL-60-6605-219

PHENYL HYDRAZINE AR RXSOL-60-6605-220

PHENYL HYDRAZINE FOR SYNTHESIS RXSOL-60-6605-221

PHENYL HYDRAZINE HYDROCHLORIDE AR RXSOL-60-6605-223

PHENYL MERCURY ACETATE FOR SYNTHESIS RXSOL-60-6605-224

PHENYL PHOSPHATE DISODIUM SALT AR RXSOL-60-6605-226

PHENYL TRIMETHYL AMMONIUM CHLORIDE RXSOL-60-6605-227

PHLOXIN B FOR MICROSCOPY RXSOL-60-6605-229

PHTHALAMIDE FOR SYNTHESIS RXSOL-60-6605-237

PHTHALIC ACID AR RXSOL-60-6605-238

PHTHALIC ACID FOR SYNTHESIS RXSOL-60-6605-239

PHTHALIC ANHYDRIDE FOR SYNTHESIS RXSOL-60-6605-249

PHTHALIDE FOR SYNTHESIS RXSOL-60-6605-250

PHTHALIMIDE FOR SYNTHESIS RXSOL-60-6605-251

PICRIC ACID SOLUTION AR 1.2% RXSOL-60-6605-256

PIPERAZINE Anhydrous 98% RXSOL-60-6605-257

PIPERAZINE Anhydrous 98% RXSOL-60-6605-257

PIPES BUFFER piperazine NN-Bis-2-Ethene Sulfonic acid RXSOL-60-6605-260

PLATINIUM OXIDE Pt 80% RXSOL-60-6605-261

POLYETHYLENE GLYCOL 600 RXSOL-60-6605-269

POLYVINYL PYRROLIDONE PVP RXSOL-60-6605-241

PONCEAU S FOR ELECTROPHORESIS RXSOL-60-6605-242

POPOP Scintillation Grade 1 4-bis(5-phenyloxaza-2yl) benzene RXSOL-60-6605-243

POPSO BUFFER FOR BIOCHEMISTRY RXSOL-60-6605-244

POTASSIUM ACETATE AR RXSOL-60-6605-245

POTASSIUM ACETATE LR RXSOL-60-6605-246

SODAMIDE RXSOL-60-6605-451

SODIUM ACETATE TRIHYDRATE AR RXSOL-60-6605-462

SODIUM ARSENITE SOLUTION AR 0.1N N10 RXSOL-60-6605-468

SODIUM BENZOATE AR RXSOL-60-6605-472

SODIUM BISELENITE Sodium Hydrogen Selenite RXSOL-60-6605-473

SODIUM BROMATE LR RXSOL-60-6605-481

SODIUM BROMIDE AR RXSOL-60-6605-482

SODIUM BROMIDE LR RXSOL-60-6605-483

SODIUM CHLORIDE SOLUTION 0.85% wv RXSOL-60-6605-488

SODIUM CHROMATE TETRAHYDRATE LR RXSOL-60-6605-490

SODIUM DI CHLOROISOCYANURATE RXSOL-60-6605-495

SODIUM HYDROXIDE SOLUTION IN 1M N1 RXSOL-60-6605-519

SODIUM LAURYL SULPHATE AR 99% RXSOL-60-6605-529

SODIUM LAURYL SULPHATE POWDER LR RXSOL-60-6605-531

SODIUM META BORATE TETRAHYDRATE LR RXSOL-60-6605-534

SODIUM METHOXIDE AR RXSOL-60-6605-535

SODIUM METHOXIDE POWDER LR RXSOL-60-6605-536

SODIUM MOLYBDATE AR DIHYDRATE RXSOL-60-6605-537

SODIUM NITRITE AR RXSOL-60-6605-541

SODIUM NITRITE LR RXSOL-60-6605-542

SODIUM NITRO PRUSIDE AR RXSOL-60-6605-543

SODIUM NITRO PRUSIDE LR RXSOL-60-6605-544

SODIUM OXALATE AR RXSOL-60-6605-545

SODIUM PERBORATE TRIHYDRATE PURE RXSOL-60-6605-548

SODIUM PER CARBONATE GRANULAR RXSOL-60-6605-549

SODIUM PER CARBONATE TABLET RXSOL-60-6605-550

SODIUM PERSULPHATE AR RXSOL-60-6605-553

SODIUM PERSULPHATE LR RXSOL-60-6605-554

SODIUM PHOSPHATE DI BASIC DIHYDRATE RXSOL-60-6605-559

SODIUM PYRUVATE RXSOL-60-6605-562

SODIUM SALICYLATE AR RXSOL-60-6605-563

SODIUM SELENITE AR ANHYDROUS RXSOL-60-6605-566

SODIUM SELENITE LR ANHYDROUS RXSOL-60-6605-567

SODIUM SELENITE PENTAHYDRATE LR RXSOL-60-6605-568

SODIUM SILICATE POWDER META HYDRATED RXSOL-60-6605-569

SODIUM SILICATE SOLUTION RXSOL-60-6605-570

SODIUM SILICO FLUORIDE 99% RXSOL-60-6605-571

SODIUM STANNATE LR RXSOL-60-6605-572

SODIUM SULPHATE ANHYDROUS AR RXSOL-60-6605-573

SODIUM SULPHIDE FLAKES AR RXSOL-60-6605-576

SODIUM SULPHITE ANHYDROUS AR RXSOL-60-6605-577

SODIUM SULPHITE ANHYDROUS LR RXSOL-60-6605-578

SODIUM TELLURITE 96% RXSOL-60-6605-579

SODIUM Tert BUTOXIDE 98% RXSOL-60-6605-580

SODIUM THIOCYANATE AR RXSOL-60-6605-581

SODIUM THIOSULPHATE AR PENTAHYDRATE RXSOL-60-6605-583

SODIUM TRI POLYPHOSPHATE ANHYDROUS STPP RXSOL-60-6605-585

SODIUM TUNGSTATE DIHYDRATE RXSOL-60-6605-586

SODIUM TUNGSTATE DIHYDRATE AR RXSOL-60-6605-587

SODIUM B GLYCERO PHOSPHATE AR RXSOL-60-6605-588

SOYA LECITHIN 30% RXSOL-60-6605-592

SOYA PEPTONE SOYATONE RXSOL-60-6605-593

SPADNS AR RXSOL-60-6605-595

SPAN 20 Sorbitan Monolaurate RXSOL-60-6605-596

SPAN 60 Sorbitane Monostearate RXSOL-60-6605-598

SPAN 80 SORBITANE MONOOLEATE RXSOL-60-6605-599

STANNIC OXIDE AR RXSOL-60-6605-601

STANNIC OXIDE LR RXSOL-60-6605-602