

## 1. Product and Company Identification

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Product Name SSODIUM PER CARBONATE TABLET

Part Number RXSOL-60-6605-550

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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## 2. Composition / Information on ingredients

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Chemical Name	CAS	EC number	Weight
SODIUM PER CARBONATE TABLET	497-19-8	207-838-8	90%

## 3. Hazards Identification

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Signal Word	WARNING
Hazard statement(s)	H319: Causes serious eye irritation.
Precautionary statement(s)	P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
Supplemental information	None assigned
Other hazards	None known

## 4. First Aid Measures

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Description of first aid measures	Self-protection of the first aider Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid contact with eyes. Contaminated clothing should be laundered before reuse. Avoid breathing vapours. Inhalation IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Skin contact IF ON SKIN: Gently wash with plenty of soap and water. If irritation develops and persists, get medical attention. Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Ingestion IF SWALLOWED: Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting. If you feel unwell, seek medical advice (show the label where possible).
Most important symptoms and effects, both acute and delayed	Causes serious eye irritation..

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

## 5. Fire-fighting Measures

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Suitable extinguishing media

As appropriate for surrounding fire

Unsuitable extinguishing media

Do not use water jet. Direct water jet may spread the fire.

Special hazards arising from the substance or mixture

Not flammable

Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers..

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing dust. Remove contaminated clothing and wash all affected areas with plenty of water. Avoid dust generation.

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Damp down to avoid dust generation. Use vacuum cleaner to collect spilt material. Recover the product where possible. Ventilate the area and wash spill site after material pick-up is complete. Transfer to a container for disposal or recovery.

Reference to other sections

See Section: 8,13

## 7. Handling and Storage

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Precautions for safe handling

Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Remove contaminated clothing and wash clothing before reuse.

Conditions for safe storage, including any

Keep container tightly closed. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Control dust formation.

Storage temperature

Keep in a cool, well ventilated place.

hazardous materialsStorage class (TRGS 510): 6.1A: Combustible, acute toxic Cat. 1 and 2 / very toxic

hazardous materials

Suitable materia

Storage class (TRGS 510): 5.1B: Oxidizing hazardous materials

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

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Eye/face protection

Wear eye protection with side protection (EN166). Eyewash bottles should be available.

Skin protection

Hand protection: Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves?

Body protection	producer. Protective index 6, corresponding > 480 minutes of permeation time according to EN 374. Recommended: Butyl rubber, Neoprene, Nitrile (Minimum thickness 0.5mm)
Respiratory protection	Wear dust-resistant protective clothing Not normally required. Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved. In case of inadequate ventilation wear respiratory protection. Recommended: EN143 Type A-P2.
Control parameters	The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m <sup>3</sup> (8hr TWA) total inhalable dust; 4 mg/m <sup>3</sup> (8hr TWA) total respirable dust.
Exposure controls	Ensure adequate ventilation. Special ventilation should be used to convey finely divided metallic dust generated by grinding, sawing or polishing operations, in order to eliminate explosion hazards.
Environmental exposure controls	Avoid release to the environment
Thermal hazards	Not applicable
Individual protection measures, such as personal protective equipment	Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place. Avoid breathing dust.
Biological limit value	Not established

#### PNECs and DNELs

Sodium carbonate	Derived	No Oral	Inhalation	Dermal
Effect Level				
Worker - Long Term - Systemic - effects			10 mg/m <sup>3</sup>	-
Consumer - Long Term - Systemic - effects			10 mg/m <sup>3</sup>	-

## 9. Physical and chemical properties

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Appearance	White powder
Odour	Odourless
Odour threshold	Not applicable
Melting point/freezing point	851°C
Initial boiling point and boiling range	Not applicable >300°C (Melting point)
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	Not flammable
Flash Point	Not applicable (inorganic substance)
Autoignition temperature	Not applicable
Decomposition temperature	Not flammable
pH	>11 (saturated solution, study result, OECD 105)
Viscosity	Not relevant (solid)
Solubility(ies)	In water: 212.5 g/l @ 20°C (study result OECD 105)
Partition coefficient: n-octanol/water	Not applicable
Vapour pressure	Not applicable (inorganic substance, vapour pressure negligible)
Vapour density	Not applicable
Relative density	2.52 @ 20°C (study result, EU Method A.3)
Particle characteristics	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not oxidising.
Other safety information	None known

## 10. Stability and reactivity

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Reactivity	Decomposes by reaction with strong acids.
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None anticipated
Conditions to avoid	Avoid contact with acids. Exposure to moisture.
Incompatible materials	Finely divided aluminium
Hazardous decomposition products	Contact with acid will evolve CO <sub>2</sub> .

## 11. Toxicological information

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Acute Toxicity - Ingestion	Based upon the available data, the classification criteria are not met.
Acute Toxicity - Inhalation	Based upon the available data, the classification criteria are not met.
Acute Toxicity - Skin contact	Based upon the available data, the classification criteria are not met.
Skin corrosion/irritation	Based upon the available data, the classification criteria are not met.
Serious eye damage/irritation	Eye Irrit. 2; H319: Causes serious eye irritation. EU Harmonised Classification Irritating to eyes. (rabbit) (Rinehart, WE, 1978)
Respiratory or skin sensitisation	Based upon the available data, the classification criteria are not met
Germ cell mutagenicity	Based upon the available data, the classification criteria are not met
Carcinogenicity	Based upon the available data, the classification criteria are not met
Reproductive toxicity	Based upon the available data, the classification criteria are not met
STOT - single exposure	Based upon the available data, the classification criteria are not met
STOT - repeated exposure	Based upon the available data, the classification criteria are not met
Aspiration hazard	Based upon the available data, the classification criteria are not met
Assessment	None known.

## 12. Ecological information

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Toxicity	Based upon the available data, the classification criteria are not met. Estimated LC50 (Substance): >100 mg/l.
Persistence and degradability	Not applicable for inorganic substances.
Bioaccumulative potential	Not applicable for inorganic substances.
Mobility in soil	Not applicable for inorganic substances.
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Assessment	According to Annex XIII of the REACH Regulation 1907/2006/EC inorganic substances do not need to be subjected to a PBT assessment.
Other adverse effects	None known.

## 13. Disposal considerations

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Waste treatment methods	Dispose of contents in accordance with local, state or national legislation. Do not allow to enter drains, sewers or watercourses. Recycle packaging
Additional information	Avoid release to the environment. Dispose of empty containers and wastes safely.

## 14. Transport information

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UN number	ADR/RID: -
	IMDG: -
	IATA: -
UN proper shipping name	None assigned.
	None assigned.
	None assigned
Transport hazard class(es)	None assigned.
	None assigned.
	None assigned
Packaging group	None assigned.
	None assigned.
	None assigned
Environmental hazards	Not classified
	Not classified as a
	Marine Pollutant.
	Not classified
Special precautions for user	See Section: 2
Transport in bulk according to Annex II of Marpol and the IBC Code	No information available.
	No information available.
	No information available.

## 15. Regulatory information

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Safety, health and environmental	Regulations/legislation specific for the substance or mixture
National legislation	Germany Water hazard class (WGK): 1 TSCA Inventory Listed
Other regulations	Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment	A REACH chemical safety assessment has been carried out.

## 16. Other information

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Other Information	<p>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.</p>
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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

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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-2-yl) 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

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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

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