

1. Product and Company Identification

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Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Substances

Product name	SODIUM BISULPHATE
REACH Registration number	01-2119552465-36
CAS-No.	7681-38-1
EU Index No.	016-046-00-X
EC No.	231-665-7
Composition Comments	The data shown are in accordance with the latest EC Directives

3. Hazards Identification

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Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified
Human health	Eye Dam. 1 - H318
Environment	Not classified
Classification (67/548/EEC) Xi;R41	The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

Label elements

Signal Word	Danger
Hazard Statements	H318 Causes serious eye damage.
Precautionary Statements	P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Other hazards	Not Classified as PBT/vPvB by current EU criteria

4. First Aid Measures

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Inhalation Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Ingestion	Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Do not induce vomiting. Get medical attention immediately!
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes and seek medical attention.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Causes serious eye damage.
Indication of any immediate medical attention and special treatment needed	No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, get medical attention promptly

5. Fire-fighting Measures

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Extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Special hazards arising from the substance or mixture	
Specific hazards	Oxides of: Sulphur.
Advice for firefighters	

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
Methods and material for containment and cleaning up	Shovel into dry containers. Cover and move the containers. Flush the area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and Storage

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Precautions for safe handling	Avoid spilling, skin and eye contact.
Conditions for safe storage, including any incompatibilities	
Chemical class	Store in tightly closed original container in a dry, cool and well-ventilated place. Chemical storage.
Specific end use(s)	The identified uses for this product are detailed in Section 1.

8. Exposure controls and personal protection

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Control parameters

Ingredient Comments	No exposure limits noted for ingredient(s).
Exposure controls	Protective equipment
Process conditions	Provide eyewash station.
Engineering measures	Provide adequate general and local exhaust ventilation.
Respiratory equipment	If ventilation is insufficient, suitable respiratory protection must be provided.
Hand protection	Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Rubber gloves are recommended.
Eye protection	Wear approved safety goggles.
Other protection	Wear rubber apron. Wear rubber footwear.
Hygiene measures	When using do not eat, drink or smoke.

9. Physical and chemical properties

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Appearance	Crystalline powder. Powder, dust
Color	White / off-white.
Odor	Pungent.
Solubility	Miscible with water
Melting point (°C)	177 - 180
Relative density	1.28 - 1.50
pH-Value, Diluted Solution	< 1 5

10. Stability and reactivity

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Reactivity	No specific reactivity hazards associated with this product
Chemical stability	Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions	None under normal conditions.
Conditions to avoid	Water, moisture.
Incompatible materials	Water reactive material.
Materials to avoid	Fire or high temperatures create: Sulphur.
Hazardous decomposition products	

11. Toxicological information

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Acute Toxicity (Oral LD50)	2800 mg/kg Rat
Inhalation	Irritating to respiratory system.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Prolonged contact may cause redness and irritation.
Eye contact	Risk of serious damage to eyes.

12. Ecological information

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Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Toxicity	Acute Fish Toxicity
Persistence and degradability	Not considered toxic to fish. Degradability

Bioaccumulative potential	There are no data on the degradability of this product.
Mobility	No data available on bioaccumulation.
Results of PBT and vPvB assessment	The product is miscible with water. May spread in water systems.
Other adverse effects	Not Classified as PBT/vPvB by current EU criteria.

13. Disposal considerations

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General information	Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.
Waste treatment methods	Dispose of waste and residues in accordance with local authority requirements.

14. Transport information

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General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

UN number	No information required.
UN proper shipping name	No information required.
Transport hazard class(es)	No information required.
Packing group	No information required.
Environmentally Hazardous Substance/Marine Pollutant	No
Special precautions for user	No information required
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No information required

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice	Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes	CHIP for everyone HSG(108).
EU Legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
Water hazard classification	WGK 1

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
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