

1. Product and Company Identification

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Product Name Aluminum Sodium Sulfate
Part Number RXSOL-19-3325-050

Company Details:....

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemical Name	Cas No	Weight
Aluminum Sodium Sulfate	10102-71-3	100

3. Hazards Identification

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Hazard Statements	Not Applicable
Classification of the substance or mixture	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)
Other hazards	Not available

4. First Aid Measures

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General advice	National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222
Eye Contact	Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Most important symptoms and effects, both acute and delay	Health injuries are not known or expected under normal use
First-Aid Providers	Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. Fire-fighting Measures

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Suitable extinguishing media	The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire
Unsuitable extinguishing media	No information available.
Special hazards arising from the substance or mixture	Carbon oxides Nitrogen oxides (NOx) Combustible.
Advice for firefighters	As in any fire, wear self-contained breathing apparatus
Specific Hazards Arising from the Chemical	No information available.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precaution	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods and materials for containment and cleaning	Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

7. Handling and Storage

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Safe Handling Advice	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.
Technical Measures/Precautions	Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials
Technical Measures/Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.
Incompatible Materials	Strong oxidizing agents Alkalis Metals

8. Exposure controls and personal protection

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Engineering Control	Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Eye/face protection	Safety glasses with side-shields or Goggles
Body Protection	Long sleeved clothing Chemical resistant apron Gloves
Respiratory protection	Effective dust mask. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds) , inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent.
Hygiene measures	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. Physical and chemical properties

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Physical state	Solid
Colour	White.
Odor	Odorless.
Odor Threshold	Not Applicable
pH	No data available
Melting Point	60-61°C/140-142°F
Boiling Point	No information available
Flash Point	Not available
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No information available
Explosive limits	No Data Available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Vapour pressure	No data available
Viscosity	No data available
Density	Not available
Relative Density	No data available
Specific Gravity	No data available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	Soluble in Water
Ignition temperature	No information available.
Particle characteristics	No data available

10. Stability and reactivity

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Reactivity	Reactive with alkalis May react with strong oxidizers
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur
Conditions to avoid	Heat. Avoid dust formation. Exposure to air. Effloresces in air. Incompatible materials.
Incompatible materials	Strong oxidizing agents Alkalis Metals
Hazardous decomposition products	No information available.

11. Toxicological information

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Acute toxicity	LD50/oral/rat = No information available LD50/oral/mouse = No information available LD50/dermal/rabbit = No information available LD50/dermal/rat = No information available LC50/inhalation/rat = No information available LC50/inhalation/mouse = No information available Other LD50 or LC50 information = For anhydrous sodium aluminum, the lethal oral dose for rabbit is about 2000mg/kg
Product Information	LD50/oral/rat = VALUE- Acute Tox Oral = No information available LD50/oral/mouse = Value - Acute Tox Oral = No information available LD50/dermal/rabbit VALUE-Acute Tox Dermal = No information available LD50/dermal/rat VALUE -Acute Tox Dermal = No information available
Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitization	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available

Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available

12. Ecological information

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Persistence and degradability	No data available
Mobility in soil	No data available
Ecotoxicity effects	No data available
Other adverse effects	No data available .

13. Disposal considerations

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Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal
Waste treatment Method	Waste must be disposed of in accordance with Federal, State and Local regulation.

14. Transport information

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UN number	Not Regulated
UN proper shipping name	No information available
Transport hazard class(es)	No information available
Packaging group	No information available
Environmental hazards	No information available
Special precautions for user	No data available

15. Regulatory information

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International Inventories

U.S. Regulations

Aluminum Sodium Sulfate FDA - Food Additives Generally Recognized as Safe (GRAS): 21 CFR 182.90 FDA - 21 CFR - Total Food Additives 175.105 182.1131 182.90 California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986. Chemicals Known to the State of California to Cause Cancer: This product does not contain a chemical requiring a warning under California Prop. 65. (See table below) Chemicals Known to the State of California to Cause Reproductive Toxicity: This product does not contain a chemical requiring a warning under California Prop. 65.

Canada WHIMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information: Not a dangerous product according to HPR classification criteria. Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR WHMIS 1988 Hazard Class D2B Toxic materials Components WHMIS 1988 Aluminum Sodium Sulfate D2B Canada Controlled Products Regulation: This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

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
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