

1. Product and Company Identification

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Product Name Aluminium Shots
Part Number RXSOL-19-3213-025

Company Details:....

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

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Substance

Component	CAS No	Weight-%
Aluminum	7429-90-5	99

3. Hazards Identification

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Classification Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Label elements None required
Hazards not otherwise classified (HNOC) None identified

4. First Aid Measures

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Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin contact Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur
Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.
Ingestion Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Most important symptoms and effects None reasonably foreseeable
Symptoms No information available.
Note to physicians Treat symptomatically

5. Fire-fighting Measures

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Unsuitable extinguishing media No information available
Flash Point Not applicable

Method	No information available
Autoignition Temperature	No information available
Explosion Limits	
Upper	No data available
Lower	No data available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available
Specific Hazards Arising from the Chemical	Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.
Hazardous Combustion Products	Fumes of aluminum or aluminum oxide
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health	Flammability	Instability	Physical hazards
1	1	1	N/A W

6. Accidental Release Measures

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Personal precautions	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.
Environmental Precautions	Should not be released into the environment.
Methods for Containment and Clean Up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7. Handling and Storage

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Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place

8. Exposure controls and personal protection

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Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL (TWA)
Aluminum	TWA: 1 mg/m ³	(Vacated) TWA: 15 mg/m ³ (Vacated) TWA: 5 mg/m ³ TWA: 15 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³	TWA: 1 mg/m ³ TWA: 5 mg/m ³

Legend

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH IDLH	NIOSH - National Institute for Occupational Safety and Health
Engineering Measures	None under normal use conditions
Personal Protective Equipment	
Eye/face Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR

Skin and body protection
Respiratory Protection
Hygiene Measures

1910.133 or European Standard EN166.

Wear appropriate protective gloves and clothing to prevent skin exposure
No protective equipment is needed under normal use conditions.
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

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Physical state	Solid; Various Form
Appearance	Silver / Grey
Odor	Odorless
Odor threshold	No information available
pH	Not applicable
Melting point / freezing point	660 °C / 1220 °F
Boiling point / boiling range	2327 °C / 4220.6 °F @ 760 mmHg
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	No information available
Vapor density	Not applicable
Specific Gravity	2.700
Solubility	Insoluble
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	Al
Molecular Weight	26.97

10. Stability and reactivity

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Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products. Excess heat. Avoid dust formation. Exposure to air. Exposure to moist air or water.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Fumes of aluminum or aluminum oxide
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

11. Toxicological information

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Acute Toxicity	
Product Information	No acute toxicity information is available for this product
Component Information	
Toxicologically Synergistic Products	No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation No information available
Sensitization No information available
Carcinogenicity The table below indicates whether each agency has listed any ingredient as acarcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Aluminum	7429-90-5	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects No information available.
Reproductive Effects No information available.
Developmental Effects No information available.
Teratogenicity No information available.
STOT - single exposure None known
STOT - repeated exposure None known
Aspiration hazard No information available.
Symptoms / effects,both acute and delayed No information available.
Endocrine Disruptor Information No information available.
Other Adverse Effects The toxicological properties have not been fully investigated.

12. Ecological information

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Ecotoxicity

Persistence and Degradabilit Insoluble in water
Bioaccumulation/ Accumulation No information available.
Mobility Is not likely mobile in the environment due its low water solubility

13. Disposal considerations

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Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

14. Transport information

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DOT Not regulated
TDG Not regulated
IATA Not regulated
IMDG/IMO Not regulated

15. Regulatory information

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United States of America Inventory

Component	CAS No	TSCA	TSCA Inventory notification - Active/Inactive	TSCA RegulatoryFlags	EPA
Aluminum	7429-90-5	X	Active	-	

Legend

TSCA	Toxic Substances Control Act, (40 CFR Part 710)
TSCA 12(b) -	Notices of Export Not applicable

International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

Component	CAS-No	DSL	NDSL	EINECS	PICCS	ENCS	AICS	IECSC	KECL
Aluminum	7429-90-5	X	-	231-072-3	X	X	X	X	KE-00881

U.S. Federal Regulations

SARA 313

Component	CAS-No	Weight %	SARA 313 - Threshold Values %
Aluminum	7429-90-5	99	1.0

SARA 311/312 Hazard Categories See section 2 for more information

CWA (Clean Water Act) Not applicable

Clean Air Act Not applicable

OSHA - Occupational Safety and Health Administration Not applicable

CERCLA Not applicable

California Proposition 65 This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know

Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Aluminum	X	X	X	-	X

U.S. Department of Transportation

Reportable Quantity (RQ) See section 2 for more information

DOT Marine Pollutant Not applicable

DOT Severe Marine Pollutant Not applicable

U.S. Department of Homeland Security This product contains the following DHS chemicals:

Component DHS Chemical Facility Anti-Terrorism Standard

Aluminum -

Other International Regulations

Mexico - Grade No information available

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.

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