

1. Product and Company Identification

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Product Name : Alumina Powder Neutral
Part Number RXSOL-24-1905-026

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore.

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2. Composition / Information on ingredients

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Name of Substance	Cas Number
Ammonium Bisulphite	1344-28-1
Ethenediol	107-21-1
Quaternary Ammonium Chloride	68391-01-5
Propan-2-ol	67-63-0

3. Hazards Identification

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Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Label elements	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Other hazards	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. Ecological information: SIGALD- 199443 Page 2 of 10 The business of Merck operates as MilliporeSigma in the US and Canada The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2018/605 at levels of 0.1% or higher. Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

4. First Aid Measures

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If inhaled	After inhalation: fresh air.
In case of skin contact	In case of skin contact: Take off immediately all contaminated clothing.
In case of eye contact	After eye contact: rinse out with plenty of water. Remove contact lenses if present and easy to do.
If swallowed	After swallowing: make victim drink water (two glasses).
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are listed in section 11
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

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Suitable extinguishing media

Use extinguishing measures that are appropriate to the environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing media are known.

Special hazards arising from the substance or mixture

Aluminum oxide Not combustible. Ambient fire may liberate

Advice for firefighters

In the event of fire, wear self-contained breathing apparatus

Further information

Do not use halocarbon extinguishers. none

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation. In case of emergency procedures, consult an expert. For personnel involved in the cleanup operation, wear appropriate protective clothing.

Environmental Precaution

No special precautionary measures necessary

Methods and materials for containment and cleaning up

Observe possible material restrictions (see sections 7 and 13). Clean up affected area. Avoid generation of dusts.

Reference to other sections

For disposal see section 13.

7. Handling and Storage

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Precautions for safe handling

For precautions see section 2.2.

Storage conditions

Tightly closed. Dry. strongly hygroscopic

Storage class

Storage class (TRGS 510): 11: Combustible Solids

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other uses are known.

8. Exposure controls and personal protection

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Control parameters

Ingredients with workplace control parameters

Personal Protection

Eye protection :Use equipment for eye protection meeting the standards such as NIOSH (US) or EN 166(EU). Safety glasses.

Respiratory protection :required when dusts are present. Respiratory protection are based on the following standards: EN 12047 (EU) or NIOSH (US). Filter type P1 The entrepreneur has to ensure that the protective devices are carried out according to the standards. This should be properly documented.

Control of environmental exposure

No special precautionary measures necessary.



Gloves Suit

9. Physical and chemical properties

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Physical state	Powder
Colour	No data available
Odour	No data available
Melting point/freezing point	Melting point/range: 2.040 °C
Initial boiling point and boiling range	2.980 °C
Flammability (solid, gas)	No Data Available
Upper/lower flammability or explosive limits	No data available
Flash point	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Viscosity	Viscosity, kinematic: No data available
Water solubility	Viscosity, dynamic: No data available at 20 °C - OECD Test Guideline 105insoluble
Partition coefficient: n-octanol/water	No data available
Vapor pressure	No data available
Density	No data available
Relative density	
Relative vapor density	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Other safety information	No data available

10. Stability and reactivity

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Recativity	No data available
Chemical stability	The product is chemically stable under standard ambient conditions (room temperature) .ac
Possibility of hazardous reactions	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In the event of fire: see section 5
Condition to Avoid	Exposure to moisture.

11. Toxicological information

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Acute toxicity	LD50 Oral - Rat - male and female - > 10.000 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - male and female - 2,3 mg/l - aerosol (OECD Test Guideline 403) Dermal: No data available
Skin corrosion/irritation	Skin - Rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)
Serious eye damage/eye irritation	Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405)
Respiratory or skin sensitization	Draize Test - Guinea pig Result: Does not cause skin sensitization. - Mouse Result: Does not cause respiratory sensitization
Germ cell mutagenicity	Test Type: Ames test Test system: Bacillus subtilis Result: negative Remarks: (IUCLID)
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Endocrine disrupting properties Product:	Assessment :The substance/mixture does not contain components considered to have endocrine disrupting properties as defined in REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. The life science business operates as MilliporeSigma in the US and Canada 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. RTECS: BD1200000 Cough, chest pain, Difficulty in breathing, Gastrointestinal disturbance To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on available Evidence

12. Ecological information

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Toxicity	No data available
Persistence and degradability	The methods for determining the biological degradability are not applicable to inorganic substances.
Bioaccumulative potential	No data available
Mobility in soil	No data available
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.
Endocrine disrupting properties Product:	Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties as defined in REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Other adverse effects	No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal considerations

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Waste treatment methods Product	See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.
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14. Transport information

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UN Number	ADR/RID: - IMDG: - IATA: -
UN proper shipping name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods

Transport hazard class(es) 8

Packing group

ADR/RID: - IMDG: - IATA: -

Packing group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

Environmental hazards

Special precautions for user

No data available

Further information

Not classified as dangerous in the meaning of transport re

15. Regulatory information

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

.This material safety data sheet complies with the

Chemical safety assessment

For this product a chemical safety assessment w

16. Other information

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Other Information

The information above is believed to be accurate and available to us. However, we make no warranty of implied, with respect to such information, and we should make their own investigations to determine particular purposes. In no event shall we be liable for any for lost profits or any special, indirect, incidental, arising, even if **RX Marine International** has been

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