

1. Product and Company Identification

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Product Name RXSOL-19-1625-025

Product Type L-TARTARIC ACID

Company Details:

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

Branch Stock Point ::: Mumbai, Kandla, Chennai - Ennore, visakhapatnam, Kolkata, Fujairah, Muscat, Nairobi

Phone +91 22 27815541 / 42

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Email mail@rxmarine.com

2. Composition / Information on ingredients

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CAS #	EC Number	Hill Formula	Chemical Formula	Molar Mass	Grade Value
87-69-4	201-766-0	C ² H ² O ⁴	HOOCCH(OH)CH(OH)COOH	150.09 g/mol	Ph Eur,BP,ChP,JP,NF,E 334

3. Hazards Identification

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Safety Information according
Hazard Pictogram(s)

Hazard Statement(s)

Precautionary Statement(s)

H318: Causes serious eye damage.

P280: Wear 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.

Danger

WW7875000

10 - 13 Other liquids and solids

WGK 1 slightly hazardous to water

3

Relatively unreactive organic reagents should be collected in container A. If halogenated, they should be collected in container B. For solid residues use container C.

Signal Word

RTECS

Storage class

WGK

Disposal

4. First Aid Measures

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Safety Information

Categories of danger

irritant

6. Accidental Release Measures

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Environmental Precaution

Cleaning Method

Direct flow into drainage system, surface or ground water is prohibited for preventing the spreading of materials remove spill mechanically or with absorbent materials and dispose of in accordance with section 13. Flush with large amounts of water to clean the area. Ventilate well. Personal: During usage of chemical personal should use all normal protective equipment and avoid contact with eye and skin and for use in

7. Handling and Storage

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Storage and Shipping Information

Storage

Store at +2°C to +30°C.

9. Physical and chemical properties

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Specifications

Assay (acidimetric; calculated on dried substance)	99.7 - 100.5 %
Identity (wet chemistry)	passes test
Identity (IR)	passes test
Appearance of solution (10% water)	passes test
Spec. rotation [α] _D ²⁰ (20% calculated on dried substance)	+12.0 - +12.8 °
Spec. rotation [α] _D ²⁵ (20% calculated on dried substance)	+12.0 - +13.0 °
Chloride (Cl)	? 0.0100 %
Sulfate (SO ₄)	? 0.0150 %
Sulfate (NF)	passes test
Heavy metals (as Pb)	? 0.0010 %
As (Arsenic)	? 0.0001 %
Ca (Calcium)	? 0.0200 %
Calcium (JP)	passes test
Hg (Mercury)	? 0.0001 %
Pb (Lead)	? 0.0002 %
Oxalates (as C ₂ H ₂ O ₄)	? 0.01 %
Oxalate (JP)	passes test
Oxalate (NF)	passes test
Residual solvents (ICH Q3C)	excluded by manufacturing process
Sulfated ash (600°C)	? 0.05 %
Loss on Drying (105 °C)	? 0.2 %

Elemental impurity specifications have been set considering ICH Q3D (Guideline for Elemental Impurities). Class 1-3 elements are not likely to be present above the ICH Q3D option 1 limit, unless specified and indicated (*).

Corresponds to Ph Eur, BP, ChP, JP, NF, E 334

Conforms to the purity criteria on food additives according to the current European Commission Regulation.

14. Transport information

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Transport Information

Declaration Kein
(railroad and Gefahrgut
road) ADR,

RID

Declaration No Dangerous
(transport by Good
air) IATA-

DGR

Declaration No Dangerous
(transport by Good
sea) IMDG-

Code

16. Other information

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on the basis of information and experience as well as our present knowledge this guidelines is only safe for handling, use, processing, storage, transport, disposal and discharge; this is not a guarantee or quality of specification. And combination with other products will lost the properties. It is always the responsibility of the user to take all necessary steps to ensure that information given here is read and understood by all who use, handle, dispose of or in any way come in contact with the product. It is not to be considered as a guarantee of the products properties. Disclaim: The information in this MSDS is meant as a description of the safety requirements of our product.

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