

FICHA COM DADOS DE SEGURANÇA

Nome do Produto: ACIDO ASCORBICO

Revisão: 4 ing

Data: 27/08/2017

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1 - Identificação

Nome do Produto: ACIDO ASCORBICO

Número da FDS: 552

Comercializado por: Morais de Castro Comércio e Importação de Produtos Químicos Ltda.

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1.1-Outras maneiras de identificação:

01.1-Main Product Applications:

Applied in food, medicines and cosmetics.

1.2-Usos recomendados do produto químico e restrições de uso:

2 - Identificação de perigos

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification: Exposure may produce an allergic reaction

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3 - Composição e Informações sobre os ingredientes

SECTION 3: Composition/information on ingredients

3.1. Substances

Name: ASCORBIC ACID (Main constituent)

Product identifier: (CAS No)50-81-7 | (EC no)200-066-2

% : < = 100

Classification according to Directive 67/548/EEC: Not classified

Classification according to Regulation (EC) No.1272/2008 [CLP]: Not classified

3.2. Mixture

Not applicable

4 - Medidas de primeiros-socorros

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Move to fresh air.

First-aid measures after skin contact : Rinse with water.

First-aid measures after eye contact : Rinse eyes with water as a precaution

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : None known.

4.3. Indication of any immediate medical attention and special treatment needed

In all cases of doubt, or when symptoms persist, seek medical attention.

5 - Medidas de combate a incêndio

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Carbon dioxide. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

Precautionary measures fire : Small amounts: Use normal individual fire protective equipment. Large amounts: Not applicable .Firefighting instructions : Dilute with water.

6 - Medidas de controle para derramamento ou vazamento

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid raising dust. Wear suitable protective clothing, gloves and eye or face protection. Avoid all unnecessary exposure.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

Ensure waste is collected and contained. Clean thoroughly. Clean with water. Collect all waste in suitable and labelled containers and dispose according to local legislation.

6.4. Reference to other sections

No additional information available

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7 - Manuseio e armazenamento

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid all unnecessary exposure.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : To guarantee the quality and properties of the product, keep : dry, Keep in a cool, well-ventilated place away from heat.

Incompatible products : Strong oxidizing agents.

8 - Controle de exposição e proteção individual

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Gloves. Safety glasses. Protective clothing. Dust production: dust mask with filter .

9 - Propriedades físicas e químicas

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: : Solid

Appearance: white or almost white, Crystalline powder or colourless crystals. Becoming discoloured on exposure to air and moisture.

Colour: No data available

Odour: No data available

Odour threshold: No data available

pH?5%??2.1-2.6

Relative evaporation rate (butylacetate=1): No data available

Melting point: about 191?,with decomposition.

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Self ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapour pressure: No data available

Relative vapour density at 20 °C: No data available

Relative density: No data available

Solubility: Freely soluble in water, sparingly soluble in ethanol (96 percent).

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: No data available

9.2. Other information

No additional information available

10 - Estabilidade e reatividade

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Small amounts: None known. Large amounts: Not applicable.

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10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Small amounts: None under normal use. Large amounts: Not applicable.

10.6. Hazardous decomposition products

When heated to decomposition, emits dangerous fumes.

11 - Informações toxicológicas

SECTION 11: Toxicological information

Acute toxicity: Not classified

LD50 oral rat: 11900 mg/kg

Skin corrosion/irritation: Not classified | pH: 2.1 -2.6 (5%)

Serious eye damage/irritation: Not classified | pH: 2.1 -2.6 (5%)

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Potential Adverse human health effects and symptoms: To our knowledge, the product does not present any particular risk, under normal conditions of use.

Large amounts: Not applicable.

12 - Informações ecológicas

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Small amounts: Presents no specific risk for the environment. Large amounts: Not applicable.

Ecology - water : Soluble in water.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

13 - Considerações sobre destinação final

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

Waste disposal recommendations : Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

14 - Informações sobre transporte

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

No dangerous good in sense of transport regulations

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14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15 - Informações sobre regulamentações

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

16 - Outras Informações

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.