

PRODUCT DATA SHEET

Trisodium citrate dihydrate

Date of issue : 2004-03-17
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Version : 1

SECTION 1: Identification of the substance/mixture

1.1. Product identifier

Product name : Trisodium citrate dihydrate
Chemical name : Trisodium Citrate Dihydrate.
EC number : 200-675-3
CAS number : 6132-04-3
INCI Name : Not available/not applicable
REACH Registration number : 01-2119457027-40
Other means of identification :
Trisodium salt, dihydrate;
Chemical formula : $C_6H_5O_7Na_3 \cdot 2H_2O$

1.2. Relevant identified uses of the substance or mixture and uses advised against

Industrial use of the substance/preparation: pharmaceutical industry, food industry, chemical reagent, chemical industry..

Uses advised against: No relevant data available.

1.3. Composition/information on ingredients

Product name : Trisodium citrate dihydrate
EC number : 200-675-3
CAS number : 6132-04-3

SECTION 2: Details of the supplier of the Product Data Sheet

2.1. Distributor

Name : GLI-THERM Sp. z o.o.
Address : st. Rozwojowa 11, 44-338 Jastrzębie-Zdrój Poland
Regon : 242850136
NIP/Tax No : 6423178990
Telephone : +48 733 525 533
E-mail : sandra.stachowicz@gli-therm.eu
Website address : www.glitherm.eu

SECTION 3: Physical and chemical properties

Appearance	:	White, solid.
Physical state	:	Solid.
Color	:	White.
Odor	:	No smell
Odor threshold	:	Not applicable
pH (25°C)	:	7,5 - 9
Initial boiling point and boiling range	:	No data
Melting point/freezing point	:	>150°C
Flash point	:	No data
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	No data
Upper/lower flammability or explosive limits	:	No data
Vapor pressure	:	Not applicable
Vapor density	:	Not applicable
Density (20°C)	:	1,86 g/cm ³
Bulk density:	:	850 - 1050 kg/m ³
Solubility in water at room temperature (20-25°C)	:	400 -- 700 g/l
Partition coefficient: n-octanol/water	:	-1.8 to -0.2 (calculated)

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	:	Flush eyes with plenty of water for about 15 minutes with the eye held wide open eyelid. In case of persistent complaints, consult a doctor.
Inhalation	:	Take the victim to fresh air, contact if necessary with the doctor.
Skin contact	:	Remove contaminated clothing, wash skin with plenty of water, preferably running water. In consult a doctor if symptoms persist.
Ingestion	:	Give the victim plenty of water to drink, contact a doctor if necessary doctor.

SECTION 5: Handling and storage

The information in this section contains generic advice and guidance.

5.1. Precautions for safe handling

Protective measures	:	Wear protective clothing and equipment. Work in properly ventilated
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rooms.

Advice on general occupational hygiene : Do not eat, drink or smoke during use. Avoid substance contamination, avoid generating and inhaling dust, observe personal hygiene rules,

5.2. Conditions for safe storage.

Requirements for storage rooms and tanks : Store the substance in properly labeled, tightly closed containers, in dry, cool and well-ventilated place.

SECTION 6: Firefighting measures

6.1. Extinguishing media

Suitable extinguishing media : Use extinguishing agents appropriate to the materials stored nearby, e.g. water spray, carbon dioxide, extinguishing powders and foams.

Unsuitable extinguishing media : None known.

6.2. Special hazards arising from the substance or mixture

Hazardous combustion products : In a fire environment, dangerous gases and vapors, including carbon oxides, may be released.

6.3 Advice for firefighters

Special precautions for fire-fighters : Prevent the release of agents after firefighting into the sewage system, surface and ground waters and the soil.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and full protective clothing.

SECTION 7: Accidental release measures

7.1. Personal precautions, protective equipment and emergency procedures

For personnel : Avoid creating and inhaling dust, avoid contact with skin and eyes. Do not walk on spilled material. Ensure good ventilation in confined spaces.

7.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains/surface waters/groundwater.

7.3. Methods and materials for containment and cleaning up

Carefully collect the spilled product dry, avoiding dusting, to a labeled, tight container, pass it on for liquidation. Clean up the contaminated area.

SECTION 8: Transport information

8.1 International transport regulations

This product is not regulated for carriage according to ADR/RID, ADN, IMDG, ICAO/IATA.

SECTION 9: Packaging

Paper bags + PE insert a'25kg

SECTION 16: Other information

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