1. **IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

   1.1 **Product identifiers**  
   Product name: di-Sodium Tartrate  
   CAS-No.: 6106-24-7

   1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
   Identified uses: Laboratory chemicals, Industrial & for professional use only.

   1.3 **Details of the supplier of the safety data sheet**  
   Company: Central Drug House (P) Ltd  
   7/28 Varadaan House  
   New Delhi-10002  
   INDIA  
   Telephone: +91 11 49404040  
   Email: care@cdhfinechemical.com

   1.4 **Emergency telephone number**  
   Emergency Phone #: +91 11 49404040 (9:00am - 6:00 pm) [Office hours]

2. **HAZARDS IDENTIFICATION**

   2.1 **Classification of the substance or mixture**  
   Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
   This substance is not classified as dangerous according to Directive 67/548/EEC.

   2.2 **Label elements**  
   The product does not need to be labelled in accordance with EC directives or respective national laws.

   2.3 **Other hazards** - none

3. **COMPOSITION/INFORMATION ON INGREDIENTS**

   3.1 **Substances**  
   Synonyms: Disodium tartrate dihydrate  
   L-(+)-Tartaric acid disodium salt  
   Sodium tartrate dihydrate  
   Sodium tartrate dibasic dihydrate

   Formula: C₄H₄Na₂O₆ · 2H₂O  
   Molecular Weight: 230.08 g/mol
4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed
no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides, Sodium oxides

5.3 Advice for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information
no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapors, mist or gas.

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end uses
no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters
8.2 Exposure controls

Appropriate engineering controls
General industrial hygiene practice.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: solid
b) Odour no data available
c) Odour Threshold no data available
d) pH 7.0 - 9 at 50 g/l at 20 °C
e) Melting point/freezing point no data available
f) Initial boiling point and boiling range no data available
g) Flash point no data available
h) Evaporation rate no data available
i) Flammability (solid, gas) no data available
j) Upper/lower flammability or explosive limits no data available
k) Vapour pressure no data available
l) Vapour density no data available
m) Relative density 1,820 g/cm³ at 20 °C
n) Water solubility no data available
o) Partition coefficient: n-octanol/water no data available
p) Autoignition temperature no data available
q) Decomposition temperature
r) Viscosity
s) Explosive properties
  no data available
  no data available
  no data available
  no data available

9.2 Other safety information
  Bulk density 720 kg/m³

10. STABILITY AND REACTIVITY
10.1 Reactivity
  no data available
10.2 Chemical stability
  no data available
10.3 Possibility of hazardous reactions
  no data available
10.4 Conditions to avoid
  no data available
10.5 Incompatible materials
  Strong oxidizing agents
10.6 Hazardous decomposition products
  Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects
  Acute toxicity
  no data available
  Skin corrosion/irritation
  no data available
  Serious eye damage/eye irritation
  no data available
  Respiratory or skin sensitization
  no data available
  Germ cell mutagenicity
  no data available
  Carcinogenicity
  IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
  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

Potential health effects

- Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
- Ingestion: May be harmful if swallowed.
- Skin: May be harmful if absorbed through skin. May cause skin irritation.
- Eyes: May cause eye irritation.

Signs and Symptoms of Exposure
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information
RTECS: Not available

12. ECOLOGICAL INFORMATION

12.1 Toxicity
no data available

12.2 Persistence and degradability
no data available

12.3 Bioaccumulative potential
no data available

12.4 Mobility in soil
no data available

12.5 Results of PBT and vPvB assessment
no data available

12.6 Other adverse effects
no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number
ADR/RID: -
IMDG: -
IATA: -

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

14.3 Transport hazard class(es)
ADR/RID: -
IMDG: -
IATA: -

14.4 Packaging group
ADR/RID: -
IMDG: -
IATA: -

14.5 Environmental hazards
ADR/RID: no
IMDG Marine pollutant: no
IATA: no

14.6 Special precautions for user
no data available
15. **REGULATORY INFORMATION**
   This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
    no data available

15.2 **Chemical Safety Assessment**
    no data available

16. **OTHER INFORMATION**

   **Further information**
   The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.cdhfinechemical.com for additional terms and conditions of sale.