

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Glucose**CAS No.:** 50-99-7**Version:** 0**1. Identification**

Product Code : 90387
Company Name : Advent Chembio Private Limited
Address : W-288, MIDC, TTC INDUSTRIAL AREA, THANE-BELAPUR ROAD, RABALE, NAVI MUMBAI - 400 701.
E-mail : info@adventchembio.com
WEBSITE : www.adventchembio.com
Company Phone Number : 022-27690837

2. Hazards Identification

Hazard classification : Not classified
Label elements
Hazard symbol : No symbol
Signal word : No signal word.
Hazard statement : Not applicable.
Precautionary statement : Not applicable.
Other hazards which do not result in GHS classification : None.

3. Composition/information on ingredients

Ingredient	CAS No
DEXTROSE	50-99-7

4. First Aid Measures**Description of first aid measures**

Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Skin contact : Wash off with soap and plenty of water.
Eye contact : Flush eyes with water as a precaution.
Swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water
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.
Indication of any immediate : No data available

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Glucose**CAS No.:** 50-99-7**Version:** 0**medical attention and special
treatment needed Treatment****5. Fire fighting measures****Extinguishing media****Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.**Special hazards arising from the
substance or mixture** : Carbon oxides**Advice for firefighters** : Wear self contained breathing apparatus for fire fighting if necessary**Further information** : No data available**6. Accidental Release Measures****Personal precautions, protective
equipment and emergency
procedures** : Avoid dust formation. Avoid breathing vapours, mist or gas.
Ensure adequate ventilation.**Environmental precautions** : No special environmental precautions required.**Methods and materials for
containment and cleaning up** : Sweep up and shovel. Keep in suitable, closed containers for disposal.**Reference to other sections** : For disposal see section 13.**7. Handling and Storage****Precautions for safe handling** : Provide appropriate exhaust ventilation at places where dust is formed.**Conditions for safe storage,
including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.**Specific end use(s)** : No data available**8. Exposure Controls Personal Protection****Control parameters****Components with workplace control parameters****Exposure controls**

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- 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.
- Skin Protection Hand 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 aft
- 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

9. Physical and Chemical Properties

- Appearance** : White crystalline powder
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : 150 - 152 °C
- Initial boiling point and boiling range** : No data available
- Flash Point** : Not applicable.
- Vapor pressure** : No data available
- Vapor density** : No data available
- Specific gravity** : No data available
- Solubility in water** : Soluble
- Solubility (other)** : No data available
- Formula** : C₆H₁₂O₆
- Molecular Weight** : 180.16 g/mol

10. Stability and Reactivity

- Reactivity** : No data available
- Chemical stability** : Stable under recommended storage conditions
- Possibility of hazardous reactions** : No data available
- Conditions to avoid** : No data available
- Incompatible materials** : Strong oxidizing agents
- Hazardous decomposition products** : Other decomposition products - No data available

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Glucose**CAS No.:** 50-99-7**Version:** 0**11. Toxicological Information****Information on toxicological effects**

Acute toxicity	:	LD50 Oral - Rat - 25.800 mg/kg Remarks: Behavioral:Coma. Cyanosis Diarrhoea
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	No data available
Respiratory or skin sensitization	:	No data available
Germ cell mutagenicity	:	Mouse lymphocyte Mutation in mammalian somatic cells.
Carcinogenicity	:	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

12. Ecological Information

Toxicity	:	No data available.
Persistence and degradability	:	No data available.
Bioaccumulative potential	:	No data available.
Mobility in soil	:	No data available.
Results of PBT and vPvB assessment	:	No data available.
Other adverse effects	:	No data available

13. Disposal consideration

Disposal instructions	:	Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging	:	Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Glucose**CAS No.:** 50-99-7**Version:** 0**14. Transport Information**

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT			Not dangerous goods		
IMDG			Not dangerous goods		
IATA			Not dangerous goods		

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date :**01/08/2014**Version :** 0

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