

**MATERIAL SAFETY DATA SHEET****Product Name:** D-(+)-Galactose**CAS No.:** 59-23-4**Version:** 0**1. Identification**

**Product Code** : 90649  
**Company Name** : Advent Chembio Private Limited  
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**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**

<b>Ingredient</b>	<b>CAS No</b>	<b>Percent</b>
D-(+)-Galactose	59-23-4	NLT- 99.5%

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

**General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.

**Inhalation** : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Skin contact** : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**Eye contact** : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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**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 medical attention and special treatment needed** : No data available  
**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.

**Environmental precautions** : Do not let product enter drains.

**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. Normal measures for preventive fire protection.

**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**

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Wash and dry hands.**Body Protection**

: Complete suit protecting against chemicals, 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 powder  
**Odor** : No data available  
**pH** : 5.0 - 7 at 180 g/l at 25 °C  
**Melting point/freezing point** : 168 - 170 °C  
**Initial boiling point and boiling range** : No data available  
**Flash Point** : No data available  
**Vapor pressure** : No data available  
**Vapor density** : No data available  
**Relative density** : No data available  
**Solubility in water** : 180 g/l at 20 °C  
**Solubility (other)** : No data available  
**Formula** : C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**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** : No data available

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products

**11. Toxicological Information****Information on toxicological effects**

<b>Acute toxicity</b>	:	No data available
<b>Skin corrosion/irritation</b>	:	No data available
<b>Serious eye damage/eye irritation</b>	:	No data available
<b>Respiratory or skin sensitization</b>	:	No data available
<b>Germ cell mutagenicity</b>	:	No data available
<b>Carcinogenicity</b>	:	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.
<b>Reproductive toxicity</b>	:	No data available
<b>Specific target organ toxicity - single exposure</b>	:	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	:	No data available
<b>Aspiration hazard</b>	:	No data available
<b>Potential health effects</b>	:	
<b>Inhalation</b>	:	No data available
<b>Ingestion</b>	:	No data available
<b>Skin</b>	:	No data available
<b>Eyes</b>	:	No data available
<b>Signs and Symptoms of Exposure</b>	:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**12. Ecological Information**

<b>Toxicity</b>	:	Toxicity to fish: LC50 - Cyprinus carpio (Carp) - 14,3 mg/l - 96 h  Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 0,07 mg/l - 48 h
<b>Persistence and degradability</b>	:	No data available
<b>Bioaccumulative potential</b>	:	No data available
<b>Mobility in soil</b>	:	No data available
<b>Other adverse effects</b>	:	No data available

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- 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.

**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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