

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Xylose**CAS No.:** 58-86-6**Version:** 1**1. Identification**

Product Code : 90653,91541
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	Percent
D-(+)-Xylose	58-86-6	NLT 98.0%

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 : Wash off with soap and plenty of water. Consult a physician.
Eye contact : Flush eyes with water as a precaution.
Swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Xylose**CAS No.:** 58-86-6**Version:** 1

Indication of any immediate medical attention and special treatment needed Treatment : thoroughly investigated.
: No data available

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 : 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. 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

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Xylose**CAS No.:** 58-86-6**Version:** 1**8. Exposure Controls Personal Protection****Control parameters****Components with workplace control parameters****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 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 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 workplace., 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** : A white powder.**Odor** : No data available**pH** : 4.5 – 6.0**Melting point/freezing point** : 154 - 158 °C**Initial boiling point and boiling range** : No data available**Flash Point** : Not applicable.**Vapor pressure** : No data available**Vapor density** : No data available**Relative density** : 1.525 g/cm³**Solubility in water** : 150.13 g/l at 20 °C**Solubility (other)** : No data available**Formula** : C₅H₁₀O₅**Molecular Weight** : 150.13 g/mol

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Xylose**CAS No.:** 58-86-6**Version:** 1**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

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

Acute toxicity	: LD50 Oral - Rat - male - > 2.200 mg/kg
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 presents 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

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Xylose**CAS No.:** 58-86-6**Version:** 1**12. Ecological Information**

Toxicity : No data available.
Persistence and degradability : No data available.
Bioaccumulative potential : No data available.
Mobility in soil : No data available.
Other adverse effects : No data available

13. Disposal consideration

Disposal instructions : Dispose of as unused product.
Contaminated packaging : Offer surplus and non-recyclable solutions to a licensed disposal company.

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.

MATERIAL SAFETY DATA SHEET**Product Name:** D-(+)-Xylose**CAS No.:** 58-86-6**Version:** 1**16. Other Information****Issue Date :**02/08/2016**Version : 1**

Disclaimer: This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. ADVENT CHEMBIO PRIVATE LIMITED makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the technical instructor in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of ADVENT CHEMBIO PRIVATE LIMITED and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).