

## D(+)**XYLOSE**

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: D(+)**XYLOSE**  
Product Code: CM 23127  
CAS#: 58-86-6  
Chemical Formula: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
Molecular Formula: 150.13

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:  
Synonyms: Not available  
Formula: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>  
Molecular Weight: 218.22  
CAS-No. : 58-86-6

### SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture  
Classification according to Regulation (EC) No 1272/2008  
Skin irritation (Category 2)  
Classification according to EU Directives 67/548/EEC  
Irritating to skin  
Other hazards – none.

### SECTION 4: FIRST AID MEASURES

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.

### SECTION 5: FIRE AND EXPLOSION DATA

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Special hazards arising from the substance or mixture: No data available  
Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures: Avoid dust formation. Avoid breathing vapors, 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.

### SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition.  
Storage: Store in cool, dry place in closed containers.



### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

Respiratory protection: Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 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).

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	:Colorless crystals
Colour	:Not available
Odour	:Not available
Odour Threshold	:Not available
pH	:4.5 – 6.0
Melting point/freezing point	:Not available
Initial boiling point and boiling range	:Not available
Flash point	:Not available
Evaporation rate	:Not available
Flammability (solid, gas)	:Not available
Upper/lower flammability or explosive limits	:Not available
Vapour pressure	:Not available
Vapour density	:Not available
Relative density	:Not available
Water solubility	:Freely soluble in water
Partition coefficient	:Not available
Auto-ignition temperature	:Not available

### SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions

Instability Temperature: Not available

Conditions of Instability: Not available

Incompatibility with various substances: Strong oxidizing agents

Special Remarks on Reactivity: Not available

### SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 Intravenous - rabbit - 15 g/kg

Skin corrosion/irritation: Not available

Serious eye damage/eye irritation: Not available

Respiratory or skin sensitization: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Specific target organ toxicity - single exposure: Not available

Specific target organ toxicity - repeated exposure: Not available

Aspiration hazard: Not available..



SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not available  
Persistence and degradability: Not available  
Bio accumulative potential: Not available  
Mobility in soil: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Waste must be disposed of in accordance with federal, state and local environmental control regulations

SECTION 14: TRANSPORT INFORMATION

UN number:		
ADR/RID:	IMDG:	IATA:
UN proper shipping name		
ADR/RID: Not dangerous goods		
IMDG: Not dangerous goods		
IATA: Not dangerous goods		
Transport hazard class(es):		
ADR/RID:	IMDG:	IATA:
Packaging group:		
ADR/RID:	IMDG:	IATA:
Environmental hazards:		
ADR/RID: No	IMDG Marine pollutant: No	IATA: No

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture  
Not available.  
Chemical Safety Assessment: Not available

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3:  
Not available  
Other Special Considerations: Not available

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