

## D-MANNOSE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** D+ MANNOSE

**Product Code:** 365

**CAS#:** 3458-28-4

**Chemical Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

**Molecular Formula:** 180.16

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

**Name:** D-MANNOSE

**Chemical Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

**Molecular Formula:** 180.16

### 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

**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..

### SECTION 5: FIRE FIGHTING MEASURES

**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 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

### 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

<b>Physical state and appearance Form</b>	: White Crystalline powder
<b>Odour</b>	: Not available
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Colour</b>	: Not available
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Available
<b>Vapor Density</b>	: Not available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Ionicity (in Water)</b>	: Not Available
<b>Dispersion Properties</b>	: Not Available
<b>Solubility</b>	: 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:** no data available

**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:** no data available

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** 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: -

### 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

**References: Full Text of H & R Statements:**

Not available.

**Other Special Considerations:** Not available.

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