

## D-FRUCTOSE

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** D-FRUCTOSE  
**Product Code:** 1301  
**CAS#:** 57-48-7  
**Chemical Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Molecular Formula:** 180.16

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Name:** D-FRUCTOSE  
**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

#### Eye Contact

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

#### Skin Contact

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

#### Serious skin contact

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

#### Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### Serious Inhalation

Not Available.

#### Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### Serious Ingestion

Not available

### 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. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### Methods and materials for containment and cleaning up

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Do not flush with water. Keep in suitable, closed containers for disposal. Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations.

## 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

### Exposure controls

**Appropriate engineering controls** Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

### Personal protective equipment

**Eye/face protection** Safety glasses with side-shields conforming to EN166 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. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. 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. Where protection from nuisance levels of dusts are desired, use type N95 (US) 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).

**Control of environmental exposure** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: White granular powder.
<b>Odour</b>	: Not available
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Colour</b>	: White
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available





**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**

**ADR/RID:**

**IMDG Marine pollutant:**

**IATA:**

**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.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

