



## MATERIAL SAFETY DATA SHEET

### **1. PRODUCT AND COMPANY INFORMATION**

**PRODUCT NAME:ISOGLUCOSE SYRUP (SMF42, SRF30, SHF20, SLF20, SBF10)**

MOLECULAR WEIGHT : (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>  
CAS # : 57-48-7

SMF42	% 42 Fruktoz
SRF30	% 30 Fruktoz
SHF20	% 20 Fruktoz
SLF20	% 20 Fruktoz
SBF10	% 10 Fruktoz

PRODUCER CO. :  
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### **2. COMPOSITION/INFORMATION ON INGREDIENTS:**

100 % cornglucose&fructosesyrup.

### **3. HAZARDS IDENTIFICATION**

Skin contact is not known to be hazardous on human.  
Eye contact may cause minor irritation.  
Ingestion of quantites sufficient to produce adverse healt effects is not a plausible route of exposure in industrial use.  
Mutagenic effect: Not available  
Toxic effect: Not available

### **4. FIRST-AID MEASURES**

Eye contact: Not available effect, rinse with water for 15 minutes  
Skin contact:Not available effect, wash effected are with water  
Inhalation: Not available effect, remove to fresh air. Call physician as if needed.  
After first aid if there is a continuous effect, call physician

### **5. FIRE-FIGHTING MEASURES**

Flammability of the product: May be combustibile at high temperature.  
Auto-Ignition Temperature: Not available



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Flash Point: Not available

Products of combustion: CO, CO<sub>2</sub>

Fire fighting media and instructions: Water, CO<sub>2</sub> or dry chemical.

Special remarks on fire fighting: Not available

Unusual fire and explosion hazards: Not available

### **6. ACCIDENTAL RELEASE MEASURES**

Avoid direct release to environmental media. Contain product for disposal. See environmental precautions. Avoid contact with skin, eyes, and mucous membranes. Protective equipment is not required

### **7. HANDLING AND STORAGE**

Avoid contact with skin, eyes, and mucous membranes. Skin protection is needed depending on product temperature.

Store product away from incompatible material.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Not required under foreseeable conditions of use for respiratory protection.

Wear appropriate eye protection such as goggles or glasses if there is the potential for eye contact with the product.

Skin protection is needed depending on product temperature.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state and appearance	:	Liquid
Odor	:	Not Available
Taste	:	Sweet
Color	:	Colorless
Boiling point	:	108 C
Melting point	:	Decomposes
Critical Temperature	:	Not Available
Vapor pressure	:	38 mmHg (38 °C)
Vapor Density	:	Not Available
Volatility	:	Not Available
Water/oil Dist. Coeff	:	Not Available
Ionization (in water)	:	Not Available
Dispersion properties	:	Not Available
Solubility	:	100 % (cold water)
Density	:	1,43 gr/cm <sup>3</sup> (20 °C; At openairpressure)



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### **10. STABILITY AND REACTIVITY**

Stability	: The product is stable
Instability temperature	: Not Available
Unstable conditions	: Not Available
Incompatibility with various substances	: Not Available
Corrosivity	: Non-corrosive in presence of glass
Reactivity remark	: Not Available
Corrosivity remark	: Not Available
Polymerization	: No

### **11. TOXICOLOGICAL INFORMATION**

Chronical effects on humans are not available.

Corn syrup / glucose are not classified as a reproductive toxin by any authoritative body or regulator.

There are not available toxicological and chronical effects on human

### **12. ECOLOGICAL INFORMATION**

- no data information.

### **13. DISPOSAL CONSIDERATIONS**

- no data information.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN number**

<b>ADR</b>	<b>: Not regulated as a dangerous good</b>
<b>RID</b>	<b>: Not regulated as a dangerous good</b>
<b>IMDG</b>	<b>: Not regulated as a dangerous good</b>
<b>IATA</b>	<b>: Not regulated as a dangerous good</b>

#### **14.2 UN proper shipping name**

<b>ADR</b>	<b>: Not regulated as a dangerous good</b>
<b>RID</b>	<b>: Not regulated as a dangerous good</b>
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### 14.3 Transport hazard class (es)

**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
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### 14.4 Packing group

**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good  
**IATA** : Not regulated as a dangerous good

### 14.5 Environmental hazards

**ADR** : Not regulated as a dangerous good  
**RID** : Not regulated as a dangerous good  
**IMDG** : Not regulated as a dangerous good

## 15. REGULATORY INFORMATION

FDA: Classified as Generally Regarded as safe (GRAS).

## 16. OTHER INFORMATION

This form is prepared at June 2018.

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