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# SorbiThix™ L-100

## (Material) Safety Data Sheets

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier

<b>Chemical Type</b>	Mixture
<b>Trade Name</b>	SorbiThix™ L-100
<b>INCI Name</b>	Sorbeth-230 Tetraoleate (and) Decyl Glucoside (and) Sorbitan Laurate

#### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

##### 1.2.1 Relevant Identified Uses

<b>Major use category</b>	Household & Industrial & Institution, Personal cleansing and care, cosmetic and toiletry
<b>Use of the Substance/Mixture</b>	Thickening, emulsifying, and conditioning.

##### 1.2.2 Uses Advised Against

No additional Information available.

#### 1.3. Details of the Supplier of the Material Safety Data Sheet

**For Product, safety, and pricing Information, please contact Applechem or your local distributors/agents**

Applechem, Inc.

2 Cranberry Road, Unit A4

Parsippany-Troy Hills, NJ 07054, USA

(O) 862-210- 8344 (F) 862-210-8336. [sales@applechem.com](mailto:sales@applechem.com) website: [www.applechem.com](http://www.applechem.com)

#### 1.4. Emergency Telephone Number

**The following phone # is ONLY for Chemical Emergency – Spill, Leak, Fire, Exposure, or Accident.**

**\*phone # must be dialed within the country**

<u>Country</u>	<u>Emergency phone #</u>	<u>Language</u>
United States and Canada*	1-800-424-9300	English
Outside of US and Canada	+1-703-527-3887	English
<u>Europe</u>		
France	+33-975181407	French
Germany*	0800-181-7059	German
Italy*	800-789-767	Italian
Italy (Milan)	+39-0245557031	Italian
Poland (Warsaw)	+48-223988029	Polish
Spain*	900-868538	European Spanish
UK ( London)	+44-870-8200418	English
<u>Asia</u>		
S. Korea*	00-308-12--2549	Korean
Taiwan*	00801-14-8954	Mandarin
People's Republic of China*	4001-204937	Mandarin

## SECTION 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

#### 2.1.1 Classification According to GHS and Regulation (EC) number – 1272/2008 (CLP)

Not Classified

No hazard symbol, No hazard statement; No precautionary statement

### 2.1.2 Classification According to Directive 67/548/EEC or 1999/45/EC

Not Classified

### 2.1.3 Adverse Physicochemical, Human health and Environmental Effects

**Eye Contact:** May cause slight eye irritating

**Skin Contact:** Brief contact is essentially nonirritating to skin. Prolonged contact may cause slight skin irritation with local redness.

**Skin Absorption:** Prolonged skin contact is unlikely to result in absorption of harmful amounts

**Inhalation:** Not likely

**Ingestion:** Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal operation are not likely to cause injury; However, swallowing a large amount may cause injury. Swallowing may result in gastrointestinal irritation

### 2.2.1 Labeling According to Regulation (EC) Number 1272/2008 (CLP)

Health Hazard                      1 H318              May cause eye damage

Signal word:                      Danger

Picograms:



Precautionary Statements ( Prevention)

P 280              wear protective gloves eye/face protection

### 2.3. Other Hazards

No data available

## SECTION 3: Composition and Information on Ingredients

### 3.1. Substances

### 3.2. Mixtures

This product is a Mixture of ethoxylated fatty acid esters, and its INCI name/composition is Sorbeth-230 Tetraoleate (and) Decyl glucoside (and) Sorbitan Laurate

C8-10 Alkyl glucoside. CAS# 68515-73-1, EU# 500-220-1;	< 8%;	1 H318
C10-16 Alkyl glucoside. CAS# 110615-47-9;	< 3%;	2 H315; 1 H318

There are no additional ingredients which, with the best knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section

## SECTION 4: First Aid Measures

### 4.1. Description of First Aid Measures

<b>General</b>	If potential for exposure exists refer to Section 8 for specific personal protective equipment
<b>Inhalation</b>	Not likely for inhalation of product itself. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical attention for 48 hours.
<b>skin contact</b>	Remove contaminated clothing, and wash with water and soap. If irritation persists, consult medical service
<b>Eye contact</b>	Irrigate with eyewash solution or clean water. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Hold the eyelids apart and flush for at least 10 minutes. Consult with eye doctor if irritation persists
<b>Ingestion</b>	Wash out mouth with water and give 200 -300 ml of water to drink. Consult with medical services if ill effects occur.

### 4.2. Most Important Symptoms and Effects, both Acute and Delayed

No Data

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

No supplemental information available

## SECTION 5: Fire Fighting Measures

### 5.1. Extinguishing Media

Water fog or fine spray; Dry chemical fire extinguishers; Carbon dioxide fire extinguishers; Foam – general purpose synthetic foams (including AFFF type) or protein foams are preferred if available.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard	Not flammable. On burning, it may release combustion products of varying composition that may be toxic
Explosion Hazard	No direct explosion hazard. Violent steam generation or eruption may occur upon application of direct water stream to hot liquid. Dense smoke may be produced when product burns.
Reactivity:	On burning – release of carbon monoxide/carbon dioxide and other combustion products of varying composition which may be toxic and/or irritating.
General Measures:	Mark the danger area. Exposure to heat – have neighborhood close doors and windows. Exposure to fire/heat – consider evacuation. Wash contaminated clothes

### 5.3. Advice for Firefighters

**Fire fighting procedures:** Keep people away. Isolate fire and deny unnecessary entry. Do not use direct water stream, May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Contain fire water run-off if possible. If not contained, fire water run-off may cause environmental damage. Review the “Accidental Release Measures” and the “Ecological information” sections.

**Special Protective equipments for fire fighter:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance

## SECTION 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

#### 6.1.1. For Non-Emergency Personnel

Spilled material may cause a slipping hazard. Do not touch or walk through spilt material. Refer to section 7 and 8 for handling and exposure control/personal protection. Keep unnecessary and unprotected personnel from entering.

#### **6.1.2. For Emergency Responders**

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7 and 8 for handling and exposure control/personal protection

### **6.2 Environmental Precautions**

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air)

### **6.3. Methods and Material for Containment and Cleaning Up**

Small spill: Scoop up with brooms and other appropriate tools..

Large spill: Scoop up with brooms and other appropriate tools. Prevent entry into sewers, water courses, basement or confined area. Contain and collect spillage with non-combustible, absorbent materials e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulation.

### **6.4. Reference to Other Sections**

Section 7 and 8

## **SECTION 7: Handling and Storage**

### **7.1. Precautions for Safe Handling**

Put on appropriate personal protective equipment.

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed.

Prevent eye contact and ingestion. Wash thoroughly with soap/water after handling.

### **7.2. Conditions for Safe Storage, Including any Incompatibilities**

**Prohibitions on mixed storage**      Keep the product away from: ignition sources , strong acids, strong bases, and strong oxidizing agents

<b>Storage area</b>	In well-ventilated place, at room temperature. Meet the legal requirements
<b>Special rules on packaging</b>	Keep it closed, correctly labeled, and meet with the legal requirements
<b>Packaging materials</b>	Paper, fiber Glass, Plastics.

### 7.3. Specific End Uses

No additional information is available

## SECTION 8: Exposure Controls and Personal Protection

### 8.1. Control Parameters

No additional information is available

### 8.2. Exposure Controls

Personal protective equipment	Use safety glasses (with side shields), Wear clean, body-covering clothes. Use gloves when prolonged or frequently repeated contact could occur. Select the gloves which have good chemical resistant to this product and other commonly used products in your production.
Respiratory Protection	Respiratory protection is not required
Ingestion	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.
Ventilation	If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operation. Local exhaust ventilation may be necessary for some operations.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

<b>Appearance (room temperature):</b>	Liquid
<b>Color:</b>	Clear to translucent

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<b>Odor:</b>	Mild characteristic odor
<b>pH:</b>	6-7
<b>Melting point:</b>	Not applicable
<b>Solidification point:</b>	No data.
<b>Boiling point:</b>	No test data available
<b>Flash point:</b>	No data
<b>Vapor pressure:</b>	No data
<b>Relative vapor density at 20°C:</b>	No data
<b>Density:</b>	No data
<b>Solubility:</b>	Soluble in water
<b>Log Pow:</b>	No supplemental data available
<b>Self ignition temperature:</b>	No data
<b>Decomposition temperature:</b>	No supplemental data available
<b>Viscosity:</b>	

## 9.2. Other Information

**Other Properties** Not dispersible in water. Dispersible in oil, and most organic solvents

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use. On burning, release carbon monoxide/carbon dioxide, and other combustion productions which may be toxic or irritating.

### 10.2. Chemical Stability

Stable under normal use condition

### 10.3. Possibility of Hazardous Reactions



Under normal use and storage conditions, hazardous reactions will not occur.

#### 10.4. Conditions to Avoid

No data available

#### 10.5. Incompatible Materials

No data available

#### 10.6. Hazardous Decomposition Products

No supplementary information available

### SECTION 11: Toxicological Information

#### 11.1. Information on Toxicological Effects

The following information is based on a consideration of the properties of the main components. This data is based on publicly available information, the information provided by their manufactures, and data on the similar products

#### Acute toxicity

<b>Oral toxicity</b>	Not classified
<b>Dermal toxicity</b>	Not classified.
<b>Inhalation</b>	Not classified.
<b>Skin corrosion/irritation</b>	Non-irritating to skin.
<b>Serious eye damage/irritation</b>	May cause a mild irritation.
<b>Respiratory and skin sensitization</b>	Non-sensitization.
<b>Germ cell mutagenicity</b>	Negative. Based on literature.
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available.
<b>Specific target-organ –single exposure</b>	No data available

**Specific target-organ – repeated exposure** No data available

**Aspiration hazard** No data available

**Other effects**

## SECTION 12: Ecological Information

The ecological information of this product has not been determined. The information is based on the components, whose information is public or supplied by the manufacturer.

### 12.1. Toxicity.

**Ecology – General:** Not classified

**Ecology – Air:** Not classified

**Ecology – Water:** Acute LC 50 > 100 mg/L to Fish at 96 hour exposure, based on literature of similar material

### 12.2. Persistence and Degradability

No data available.

### 12.3. Bioaccumulative Potential

The bioaccumulative potential is expected to be low, based on literature.

### 12.4. Mobility in Soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other Adverse Effects

No supplemental data available

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

Disposal	Disposed in accordance with country, state, and local regulations.
Ecology – waste materials	Do not discharge into drains or the body of water. Dispose by a licensed waste treatment company.
Regional legislation (waste)	No supplemental information available

## SECTION 14: Transport Information

DOT Non-Bulk	Not regulated
DOT Bulk	Not regulated
UN number	Not Classified
UN packaging group	Not Classified
UN Hazard class-primary	Not Classified
<b>International Maritime Organization (IMDG)</b>	Not Classified
Proper shipping name	
Marine Pollutant	
class-primary	
EMS number	
<b>International Air Transportation Association Classification (IATA)</b>	Not Classified
Proper shipping name	
Hazard class	
ID #	
Packing group	
Cargo packing instruction	
Passenger Packing Instruction	

SECTION 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific to Substance/Mixture

**HMIS ( USA)**                      Health: 0      Flammability: 0      Reactivity: 0      Personal Protection: C

**NFPA (USA)**                      Health: 0      Fire Hazard: 0      Instability: 0      Special Hazard: None

**OSHA Hazard Communication Standard, 29 CFR 910.1200**      Not a “hazardous chemical”

**Resource Conservation and Recovery Act –RCRA (40 CFR 261)**

To our best knowledge, this product doesn’t contain the substances which are subject to the reporting requirements of this statute

**Comprehensive Environmental Response, Compensation and Liability (CERCLA/Superfund)**

To our best knowledge, this product doesn’t contain the substances which are subject to the reporting requirements of this statute

**Superfund Amendments and Reauthorization Act of 1986 Title III**

**Section 302 – Extremely Hazardous Substances**

To our best knowledge, this product doesn’t contain the substances which are subject to the reporting requirements of this statute

**Section 304 – Hazardous Substances**

To our best knowledge, this product doesn’t contain the substances which are subject to the reporting requirements of this statute

**Section 311/312 – Hazardous Communication Standard**

Immediate (acute) health hazard	No
Delayed (Chronic) health hazard	No
Fire hazard	No
Reactive hazard	No
Sudden Release of Pressure Hazard	No

**Sections 313 - Toxic Chemical List**

To our best knowledge, This product doesn't contain the substances which are subject to the reporting requirements of this statute.

**Pennsylvania (worker and community Right-to-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:**

To our best knowledge, this product doesn't contain components are cited in this list, and are present at levels which require reporting.

**Pennsylvania (worker and Community Right-to-Know Act): Pennsylvania Special Hazardous Substance List**

To the best of our knowledge, this product does not contain chemical at level which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986).**

To the best of our knowledge, this product doesn't contain any listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**New Jersey RTK- Substance: Listed substance**

To the best of our knowledge, this product does not contain chemical at level which require reporting under this statute.

**Massachusetts RTK – Substance: Listed Substance**

To the best of our knowledge, this product does not contain chemical at level which require reporting under this statute.

**Chemical Inventory Legend**

**Compliant**

AICS – Australian Inventory of Chemical Substances

Y

NDSL – Canadian Non-Domestic Substances List

Y

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ECL – Korean Existing Chemical List	N
IECS – Inventory of Existing Chemicals in China	Y
NZIOC – New Zealand Inventory of Chemicals	N
PICCS – Philippine Inventory of Chemicals and Chemical Substances	Y
TSCA - USA Toxic Substances Control Act	Exempt
EC Inventories – European Community Inventories of Chemicals (EINECS/ELINCS/NLP/REACH)	Y

### 15.2. Chemical Safety Assessment

No supplemental data available

### SECTION 16: Other Information

SDS Reason for revision	Regulation compliance
SDS changed sections	Section 15
Training advice	
Other information	

<b>Key or legend to abbreviations and acronyms</b>
<b>Key Literature references and sources for data:</b>
Refer to the respective sections
Component supplier's data

<b>Classification/evaluation Procedure –EC No. 1272/2008 (CLP), article 9</b>	
Not classified for this product and its components.	
<b>Full text of phrases/statements which are not written out in full under section 2 and 3.</b>	
None	
<b>Training Advice</b>	No data available
<b>Further information</b>	No data available
<b>Instruction for use</b>	No data available

**Disclaimer**

The information in this publication is based on the public information and the SDS/MSDS and information supplied by the component's suppliers. The information is believed to be accurate and is given in good faith but not representation or warranty as to its completeness or accuracy is made.

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