



# Applecure A-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>	Applecure A-100

#### 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>	Personal care, cosmetic and toiletry industries
<b>Use of the Substance/Mixture</b>	Pigment and filler dispersants, sunscreen, color cosmetics, UV protection

##### 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 for chemical incident

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

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

**Inhalation:** At room temperature, exposure to vapor is minimal due to low volatility.

**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

**Environment:** None

**2.2.1 Labeling According to GHS and Regulation (EC) Number 1272/2008 (CLP)**

Hazard Statement	None
Precautionary Statements	None
Additional Advise	None
GHS Product Identifier	Applecare A100

**2.2.2. Labeling According to Directive 67/548/EEC or 1999/45/EC**

Not Classified

**2.3. Other Hazards**

No data available

**SECTION 3: Composition and Information on Ingredients**

**3.1. Substances**

Not Applicable

### 3.2. Mixtures

This product is a proprietary mixture with the INCI name of Polyhydroxystearic Acid (and) Lecithin (and) Isopropyl Myristate (and) 2-Ethylhexyl Palmitate (and) Isostearic Acid (and) Polyglyceryl-3 Polyricinoleate.

The mixture contains no other components which are, to the knowledge of the supplier, considered to be hazardous in the concentrations present and are therefore not listed 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>	Move person to fresh air; Obtain medical service if ill effects occur.
<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

**Symptoms/Injuries:** No additional information available

### 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	Direct fire hazard – Combustible. Indirect fire Hazard – heating increases the fire hazard. Temperature above flash point – higher fire/explosion hazard
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. Refer to section 7 and 8 for handling and exposure control/personal protection

#### 6.1.2. For Emergency Responders

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

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

Contain spilled material if possible. Absorb with materials such as: Non-combustible material, sand. Wash the spill site with water and soap. Large spills: collect in suitable and properly labeled containers. See Section 13 – Disposal consideration, for

additional information.

#### 6.4. Reference to Other Sections

Section 7 and 8

### SECTION 7: Handling and Storage

#### 7.1. Precautions for Safe Handling

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

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

<b>Prohibitions on mixed storage</b>	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>	Plastics or steel with plastic inner lining.

#### 7.3. Specific End Uses

No additional information is available

### SECTION 8: Exposure Controls and Personal Protection

#### 8.1. Control Parameters

EU	None
Exposure Limit(s)	None

#### 8.2. Exposure Controls

<b>Personal protective equipment</b>	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
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your production.

Respiratory Protection	Under intended handling conditions, no respiratory protection should be needed.
Ingestion	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.
Ventilation	Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. 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>	Light brown
<b>Odor:</b>	Mild characteristic odor
<b>pH:</b>	No applicable.
<b>Melting point:</b>	Not applicable
<b>Solidification point:</b>	No test data available
<b>Boiling point:</b>	No test data available
<b>Flash point:</b>	No test data available
<b>Vapor pressure:</b>	No supplemental data available
<b>Relative vapor density at 20°C:</b>	No supplemental data available
<b>Density:</b>	No data available
<b>Solubility</b>	Not soluble in water. Dispersible in oils
<b>Log Pow</b>	No supplemental data available
<b>Self ignition temperature</b>	No supplemental data available

<b>Decomposition temperature</b>	No supplemental data available
<b>Viscosity</b>	600 cP

## 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

Polymerization will not occur

### 10.4. Conditions to Avoid

Exposure to elevated high temperature can cause product to decompose

### 10.5. Incompatible Materials

Avoid strong oxidizing agents, strong acid and base

### 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 publically available information and the information provided by their manufactures.

#### Acute Toxicity

**Oral** Expected to be low

**Dermal** Expected to be low



<b>Inhalation</b>	No volatile component.
<b>Skin corrosion/irritation</b>	Repeated Insult Patch Test (RIPT) on 50 subjects showed no skin irritation and no skin sensitization
<b>Serious eye damage/irritation</b>	Expected to be low
<b>Respiratory and skin sensitization</b>	Repeated Insult Patch Test (RIPT) on 50 subjects showed no skin irritation and no skin sensitization. No volatile components for inhalation risk.
<b>Germ cell mutagenicity</b>	Not expected.
<b>Carcinogenicity</b>	Not expected.
<b>Reproductive toxicity</b>	Not expected.
<b>Specific target-organ – Single exposure</b>	Not expected.
<b>Specific target-organ – repeated exposure</b>	Not expected.
<b>Aspiration hazard</b>	Not expected.

## 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

### 12.2. Persistence and Degradability

The biodegradation is expected to be high.

### 12.3. Bioaccumulative Potential

The bioaccumulative potential is expected to be low.

### 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	Wear protective clothing to prevent skin and eye contamination. Prevent further leakage and contain using absorbent such as sand, soil, or other inert material. Collect and seal in properly labeled containers for disposal.
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	

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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**

<b>HMIS ( USA)</b>	Health: 0	Flammability: 1	Reactivity: 0	Personal Protection: C
<b>NFPA (USA)</b>	Health: 0	Fire Hazard: 1	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

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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
DSL – Canadian Domestic Substances List	Y
ECL – Korean Existing Chemical List	Y
IECS – Inventory of Existing Chemicals in China	Y

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NZIOC – New Zealand Inventory of Chemicals	Y
PICCS – Philippine Inventory of Chemicals and Chemical Substances	Y
TSCA - USA Toxic Substances Control Act	Y
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	New logo, color appearance description and mixture composition
SDS changed sections	Section 3 and Section 9
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>	
Based on “being a mixture” and on the data of its components/substances.	
<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.

Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose.

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