Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code: O100
Product Name: OLIVEM® 1000
Synonyms: Cetearyl Olivate (and) Sorbitan Olivate

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: Cosmetics

1.3. Details of the supplier of the safety data sheet

Manufacturer: HallStar Italia srl Via Ernesto Rossi, 60/62
20862 Arcore (MB) Italy
Tel.+390396180447

For further information, please contact

1.4. Emergency telephone number

Emergency Telephone: Chemtrec 1-800-424-9300

Europe: +1 (703) 527 3887

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

Product identifier
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.3. Other hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Classification according to Regulation (EC)</th>
<th>REACH Registration No</th>
</tr>
</thead>
</table>

Page 1 / 7
Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation  Remove to fresh air.

Skin contact  Non-irritating to the skin.

Eye contact  Rinse eyes.

Ingestion  None under normal use conditions.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms  No information available.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media  Dry chemical, CO2 or water spray.

5.2. Special hazards arising from the substance or mixture

No information available

5.3. Advice for firefighters

Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions  Ensure adequate ventilation, especially in confined areas.

For emergency responders  Use personal protection recommended in Section 8.

6.2. Environmental precautions

Collect spillage.

6.3. Methods and material for containment and cleaning up

Methods for containment  Prevent further leakage or spillage if safe to do so.

Methods for cleaning up  Pick up and transfer to properly labeled containers.
6.4. Reference to other sections

See section 8 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling
Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Use appropriate eye protection. Remove contaminated clothing and shoes.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep unopened into original containers at a temperature between 5°C and 35°C.

Incompatible materials
None known based on information supplied.

7.3. Specific end use(s)

Risk Management Methods (RMM)
Not applicable.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)
No information available.

Predicted No Effect Concentration (PNEC)
No information available.

8.2. Exposure controls

Engineering Controls
Ensure adequate ventilation, especially in confined areas.

Personal protective equipment
Eye/face protection
Wear safety glasses with side shields (or goggles).
Hand Protection
Gloves made of plastic or rubber.
Skin and body protection
Suitable protective clothing.

Environmental exposure controls
No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>waxy solid in flakes, white-ivory color</td>
</tr>
<tr>
<td>Color</td>
<td>White-Ivory</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight characteristic odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Not applicable

10.2. Chemical stability
Stable under normal conditions.

Explosion data
Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

10.3. Possibility of hazardous reactions
Hazardous polymerization
None under normal processing.

Possibility of Hazardous Reactions
None under normal processing.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known based on information supplied.

10.6. Hazardous decomposition products
None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity
Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation
No data available.

Eye contact
No data available.

Skin contact
No data available.

Ingestion
No data available.

Unknown acute toxicity

Skin corrosion/irritation
HRIPT (Human Repeated Insult Patch Test) : non irritating.

Serious eye damage/eye irritation
Irritation Potential (Red Blood Cell Test) : non-irritating.

Sensitization
HRIPT (Human Repeated Insult Patch Test) : hypoallergenic/ low sesitizating potential.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

Reproductive toxicity
No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.2. Persistence and degradability

OECD 301-B – ReadyBiodegradability : After 28 days > 60% ThCO2. OECD 202 – Daphnia sp.Acute immobilization Test : EC50 > 100 mg/l.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste from residues/unused products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Improper disposal or reuse of this container may be dangerous and illegal.

**Section 14: TRANSPORT INFORMATION**

**IMDG**
- **14.1 UN/ID No.** Not regulated
- **14.2 Proper shipping name** Not regulated
- **14.3 Hazard Class** Not regulated
- **14.4 Packing Group** Not regulated
- **14.5 Marine pollutant** Not applicable
- **14.6 Special Provisions** None
- **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available

**RID**
- **14.1 UN/ID No.** Not regulated
- **14.2 Proper shipping name** Not regulated
- **14.3 Hazard Class** Not regulated
- **14.4 Packing Group** Not regulated
- **14.5 Environmental hazard** Not applicable
- **14.6 Special Provisions** None

**ADR**
- **14.1 UN/ID No.** Not regulated
- **14.2 Proper shipping name** Not regulated
- **14.3 Hazard Class** Not regulated
- **14.4 Packing Group** Not regulated
- **14.5 Environmental hazard** Not applicable
- **14.6 Special Provisions** None

**IATA**
- **14.1 UN/ID No.** Not regulated
- **14.2 Proper shipping name** Not regulated
- **14.3 Hazard Class** Not regulated
- **14.4 Packing Group** Not regulated
- **14.5 Environmental hazard** Not applicable
- **14.6 Special Provisions** None

**Section 15: REGULATORY INFORMATION**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**European Union**
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**
This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**
Not applicable
Ozone-depleting substances (ODS) regulation (EC) 1005/2009  Not applicable

International Inventories
TSCA  Complies
DSL/NDSL  Complies
EINECS/ELINCS  Complies
ENCS  Complies
IECSC  Complies
KECL  Complies
PICCS  Complies
AICS  Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend
SVHC: Substances of Very High Concern for Authorization:

Legend  Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
TWA  TWA (time-weighted average)
STEL  STEL (Short Term Exposure Limit)
Ceiling  Maximum limit value
*  Skin designation

Issue Date  05-Jan-2017
Revision Date  05-Jan-2017
Revision Note  SDS sections updated.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet