PPG-15 Stearyl Ether

Material Safety Data Sheet

(updated 7-11-2014)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: PPG-15 Stearyl Ether
INCI Name: PPG-15 Stearyl Ether
CAS Number: 25231-21-4
Chemical Name: PPG-15 STEARYL ETHER
Company Name: MakingCosmetics Inc.
Company Address: 35318 SE Center Street, Snoqualmie WA 98065, Phone 425-292-9502

SYNONYMS:
PPG-15 STEARYL ETHER
CHEMICAL:
PPP-15 STEARYL ALCOHOL

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Propoxylated stearyl alcohol</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25231-21-4</td>
<td></td>
<td>Not est.</td>
<td>Not est.</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

Potential Health Effects

Inhalation: Negligible unless heated to product vapors. Vapors or finely misted material may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.

Eye Contact: May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

Skin Contact: Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

Ingestion: No hazards anticipated from ingestion incidental to industrial exposure.

SECTION 4: FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

Skin: Wash exposed areas of the body with soap and water.

Inhalation: Remove from area of exposure, seek medical attention if symptoms persist.

Ingestion: Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person)

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used): >175 deg. C (COC)

Flammability Limits: None known

Extinguishing Media: Dry chemical, foam, halon, CO2, water spray (fog). Water stream may splash burning liquid and spread fire.

Special Fire Fighting Procedures: Use water spray to cool drums exposed to fire.

Unusual Fire and Explosion Hazards: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.
SECTION 6- ACCIDENTAL RELEASE MEASURES

Spill Clean-Up Procedures: Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, “Oil Dry”, sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

SECTION 7- HANDLING AND STORAGE

Store in closed containers between 50 deg. F and 120 deg. F. Keep away from oxidizing agents, excessive heat, and Ignition sources. Store and use in well ventilated areas. Do not store or use near heat, spark, or flames; store out of sun. Do not puncture, drag, or slide this container. Drum is not a pressure vessel; never use pressure to empty.

SECTION 8- EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: If vapors or mists are generated, wear a NIOSH approved organic vapor / mist respirator.
Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.
Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point, 760 mm Hg:</td>
<td>&gt;200 deg. C</td>
</tr>
<tr>
<td>Specific Gravity, (H₂=1):</td>
<td>0.936</td>
</tr>
<tr>
<td>Vapor Pressure, mm Hg:</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Vapor Density, (Air=1):</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Volatiles, % by Volume:</td>
<td>Negligible</td>
</tr>
<tr>
<td>Evaporation Rate, (Butyl Acetate=1):</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Solubility In Water, % by Volume:</td>
<td>Soluble</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear pale yellow to colorless liquid</td>
</tr>
</tbody>
</table>

SECTION 10- STABILITY AND REACTIVITY

General: This product is stable and hazardous polymerization will not occur.
Incompatible Materials and Conditions to Avoid: Strong oxidizing agents
Hazardous Decomposition Product: Combustion produces carbon monoxide, carbon dioxide along with thick smoke

SECTION 11- DISPOSAL CONSIDERATIONS

Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved land fill. Follow local, state and federal disposal regulations.
SECTION 12- TRANSPORT INFORMATION

UN Hazard Class: NA

SECTION 13- REGULATORY INFORMATION

OSHA Status: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes form this product may be hazardous as noted in Section 3.

TSCA Status: The components of this product are listed on TSCA.


SARA Title III (Superfund Amendments and Reauthorization Act)
Section 312 Extremely Hazardous Substances: None
Section 312/313 Hazardous Categories: Non-hazardous Under Section 311/312
Section 313 Toxic Chemical: None

RCRA Status: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. The product contains no chemicals known to the State of California to cause cancer.

SECTION 14- OTHER INFORMATION

NFPA Codes: Health: 1 Fire: 1 Reactivity: 0

Revision Notes: 4/22/02 Change International Emergency Number
**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company’s knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.