

PEG-40 Hydrogenated Castor Oil

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 09-15-2015
Supersedes: 11-12-2012

1 PRODUCT & COMPANY IDENTIFICATION

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|---|--|
| Product Name: PEG-40 hydrogenated castor oil Synonyms: Not available INCI Name: PEG-40 hydrogenated castor oil CAS Number: 61788-85-0 Formula: C ₅₇ H ₁₁₀ O ₉ (CH ₂ CH ₂ O) _n Product Form: Liquid Product Use: Cosmetic use | Distributor: MakingCosmetics.com Inc. Address: 10800 231 st Way NE Redmond, WA 98053 (USA) Phone / Fax: 425-292-9502 / 425-292-9601 Web: www.makingcosmetics.com Emergency Telephone Number: 1-800-424-9300 (Chemtrec) |
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2 HAZARDS IDENTIFICATION

| | | | | | | | | | | | | | |
|--------------------------------------|--|---------|---|--------|--------------|---|---------|------------|---|---------|-----------------|-----|--|
| GHS Classification: | Not classified | | | | | | | | | | | | |
| GHS Labeling: | Not classified | | | | | | | | | | | | |
| GHS Hazard Pictograms: | None | | | | | | | | | | | | |
| GHS Hazard Statements: | None | | | | | | | | | | | | |
| GHS Precautionary Statements: | None | | | | | | | | | | | | |
| Potential Health Hazards: | Eyes: May be irritant. Inhalation: No data available. Skin: May be irritant. Ingestion: No data available. | | | | | | | | | | | | |
| NFPA Ratings (704): | <table border="0" style="width: 100%;"> <tr> <td style="background-color: #0070C0; color: white; padding: 2px;">Health</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white; padding: 2px;">Flammability</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">Minimal</td> </tr> <tr> <td style="background-color: #FFFF00; padding: 2px;">Reactivity</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="padding: 2px;">n/a</td> <td></td> </tr> </table> | Health | 1 | Slight | Flammability | 0 | Minimal | Reactivity | 0 | Minimal | Specific Hazard | n/a | |
| Health | 1 | Slight | | | | | | | | | | | |
| Flammability | 0 | Minimal | | | | | | | | | | | |
| Reactivity | 0 | Minimal | | | | | | | | | | | |
| Specific Hazard | n/a | | | | | | | | | | | | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No. | Weight % | Molecular Weight |
|--------------------------------|------------|----------|------------------|
| PEG-40 hydrogenated castor oil | 61788-85-0 | N/A | N/A |

4 FIRST AID MEASURES

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| Eyes: | Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if symptoms occur. |
| Inhalation: | Remove victim to fresh air. Seek medical attention if symptoms occur. |
| Skin: | Wash skin with soap and water. Seek medical attention if symptoms occur. |
| Ingestion: | Drink water. Do not induce vomiting. Seek medical attention. |

5 FIRE-FIGHTING MEASURES

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| Suitable (and unsuitable) extinguishing media: | Water spray, dry chemical, foam or carbon dioxide |
| Special protective equipment & precautions for firefighters: | Firefighters should wear full protective clothing including self-contained breathing Apparatus. |
| Flash Points: | 550 °F |
| Specific hazards arising from the chemical: | None known. |

6 ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment & emergency procedures: | See section 8 for recommendations on the use of personal protective equipment. |
| Environmental precautions: | Prevent entry into waterways, sewers, basements or confined areas. |
| Methods and material for containment and cleaning up: | Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up using |

a suitable absorbent material and then shoveled to recovery drums. If material is released into the environment, the user should determine whether the spill should be reported to the appropriate state and federal authorities.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices.
Conditions for safe storage, incl. any incompatibilities: No special requirements.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|--------------------------------|------------------------|--------------|---------------|
| PEG-40 hydrogenated castor oil | N/A | | |

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: Not needed but appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves and protective clothing should be worn to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------------------|---------------|-------------------------------------|----------------------------|
| Appearance, Physical State: | Liquid | Vapor Pressure: | Not available |
| Odor: | Mild | Vapor Density: | Not available |
| Taste: | Not available | Evaporation Rate: | Not available |
| Color: | Light yellow | Flammability: | Not available |
| Molecular Weight: | Not available | Upper/lower Explosive Limit: | Not available |
| pH (3% sol. in water) | 5.5-7.0 | Solubility: | Miscible in water and oils |
| Boiling Point: | Not available | Flash Point: | Not available |
| Melting Point: | Not available | Specific Gravity: | 1.1 |

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: No additional precautions.
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: Carbon oxides

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Not available
Skin: Not available
Eyes: Not available
Respiratory: Not available
Ingestion: Not available
Carcinogenicity: Not available
Teratogenicity: Not available
Germ Cell Mutagenicity: Not available
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Respiratory/Skin Sensitization: Not available

12 ECOLOGICAL INFORMATION**Ecotoxicity**

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|---------------------------------------|---------------|
| Aquatic Vertebrate: | Not available |
| Aquatic Invertebrate: | Not available |
| Terrestrial: | Not available |
| Persistence and Degradability: | Not available |
| Bioaccumulative Potential: | Not available |
| Mobility in Soil: | Not available |
| PBT and vPvB Assessment: | Not available |
| Other Adverse Effects: | Not available |

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

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| DOT (Dept. of Transportation, USA): | Not regulated |
| TDG (Transportation of Dangerous Goods, Canada): | Not regulated |
| IMDG (International Maritime Dangerous Goods): | Not regulated |
| IATA (International Air Transport Association): | Not regulated |
| ICAO (International Civil Aviation Organization): | Not regulated |

15 REGULATORY INFORMATION

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|-------------------------------|---|
| TSCA Inventory Status: | No data available |
| DSCL (EEC): | This product is not classified according to the EU regulations. Not applicable. |
| WHMIS (Canada): | Not controlled under WHMIS (Canada) |

16 OTHER INFORMATION

Revision Date: 09-15-2015

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

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 suitability & completeness of such information for his own particular use.