

HE-Cellulose, Modified

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

Revision Date: 13-Jun-2024
Supersedes: 10-Nov-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	HE-Cellulose, Modified	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Hydroxyethylcellulose	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	9004-62-0	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Combustible Dust
Signal Word: **WARNING**
GHS Hazard Pictograms: None.
GHS Hazard Statements: May form combustible dust concentrations in air.
H319: Causes serious eye irritation.
GHS Precautionary Statements: Prevention: Keep dust/air mixtures away from ignition sources.
Potential Health Hazards: Eyes: Product dust may cause serious eye irritation.
Inhalation: Product dust may cause irritation.
Skin: Product dust may cause irritation.
Ingestion: May cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	0	Minimal
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

HMS® IV Ratings:

Health	0	Minimal
Flammability	1	Slight
Physical Hazards	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Hydroxyethylcellulose	9004-62-0	≥93	Not Available
Disodium Phosphate	7558-79-4	≤0.5	Not Available
Sodium Phosphate	7558-80-7	≤-0.10	Not Available
Polysorbate 60	9005-67-8	≤-0.5	Not Available

4 FIRST AID MEASURES

Eyes: Remove contact lenses. Protect unharmed eye. Seek medical attention if necessary.
Inhalation: Move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician
Skin: First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Do not give milk or alcoholic beverages. If symptoms persist, seek medical attention.

5 FIRE-FIGHTING MEASURES

<p>Suitable (and unsuitable) extinguishing media:</p> <p>Special protective equipment & precautions for firefighters:</p> <p>Specific hazards arising from the chemical:</p>	<p>May be combustible at high temperatures. Use appropriate media (water spray, foam) for adjacent fire. No unsuitable extinguish media listed.</p> <p>Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Follow standard procedure for chemical fires. Do not allow run-off from firefighting to enter drains or water courses.</p> <p>Organic dusts at sufficient concentration can form explosive mixtures in air. Hazardous combustion products include carbon dioxide (CO₂), carbon monoxide, nitrogen oxides (NO_x), oxides of phosphorus, sodium oxides. See also Stability and reactivity section.</p>
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6 ACCIDENTAL RELEASE MEASURES

<p>Personal precautions, protective equipment & emergency procedures:</p> <p>Environmental precautions:</p> <p>Methods and material for containment and cleaning up:</p>	<p>Avoid dust formation. Avoid breathing dust. Material can create slippery conditions. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak. Prevent further leakage or spillage if safe to do so.</p> <p>Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with the regulations.</p>
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7 HANDLING & STORAGE

<p>Precautions for safe handling:</p> <p>Conditions for safe storage, incl. any incompatibilities:</p>	<p>Take measures to prevent the buildup of electrostatic charge. Avoid dust formation to avoid any potential for dust explosion hazards. Provide appropriate exhaust ventilation where dust is formed. Ensure all equipment is electrically grounded and bonded before beginning transfer operations. The material can accumulate static charge and can cause electrical ignition of flammable atmospheres. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Store in a cool, dry place, away from incompatible materials (see section 10 for incompatibilities).</p>
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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
HE-Cellulose, Modified	Not available	Not available	Not available

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:

<p>Eyes:</p> <p>Inhalation:</p> <p>Body:</p> <p>Other:</p>	<p>Wear safety glasses.</p> <p>If dust/aerosol formation occurs, use respirator with an approved filter. Where concentrations are above recommended limits or are unknown, wear a positive-pressure supplied-air respirator.</p> <p>Gloves and protective clothing should be worn to prevent prolonged skin contact. Glove material should be butyl-rubber (or equivalent) with a breakthrough time of 480 min or more and a thickness of >0.5mm.</p> <p>Provide appropriate exhaust ventilation where dust is formed. General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient general/local exhaust ventilation to maintain exposure below levels that cause known adverse effects. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.</p>
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9 PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance:</p> <p>Odor:</p> <p>Odor Threshold:</p>	<p>Solid granules, powder</p> <p>Odorless</p> <p>Not applicable</p>	<p>Vapor Pressure:</p> <p>Vapor Density:</p> <p>Evaporation Rate:</p>	<p>Not applicable</p> <p>Not applicable</p> <p>Not applicable</p>
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Color:	Off-white	Flammability:	Combustible Dust
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Upper: Not determined. Lower: 30 g/m ³
pH:	6.0 - 8.5 Concentration: 2% (as aqueous solution)	Flash Point:	Not applicable
Boiling Point:	Not determined	Specific Gravity:	No data available
Melting/Freezing Point:	Not determined	Water Solubility:	Soluble (Limited by viscosity)
Density:	1.38 g/cm ³	Auto-Ignition Temperature:	460 °C
Partition Coefficient: n-octanol/water:	Not determined	Decomposition Temperature:	No data available
Dynamic/Kinematic Viscosity:	Not applicable	Oxidizing Properties:	Not applicable

10 STABILITY AND REACTIVITY

Reactivity:	No decomposition if stored and applied as directed.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Keep away from heat, flame, sparks and other ignition sources, UV light, sunlight, moisture.
Incompatible Materials:	Acids, bases, oxidizing agents, strong bases.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide (CO ₂), nitrogen oxides (NO _x), oxides of phosphorus, sodium oxides.
Possible Hazardous Reactions:	Dust may form explosive mixture in air.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified based on available information.
Skin:	Not classified as skin corrosive or an irritant based on available information. However, the product dust may be irritating to skin.
Component Inorganic Salts:	No skin irritation.
Eyes:	Not classified under serious eye irritation or injury, however the product dust may be irritating to eyes.
Component Inorganic Salts:	Irritating to eyes.
Inhalation:	Not classified based on available information. However, the product dust may be irritating.
Ingestion:	No data available.
Carcinogenicity:	Not classified based on available information.
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Germ Cell Mutagenicity:	Not classified based on available information.
Specific Target Organ Toxicity:	Not classified based on available information.
Reproductive Toxicity:	Not classified based on available information.
Skin Sensitization:	Not classified based on available information.
Aspiration Toxicity:	Not classified based on available information.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified based on available information.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Not readily biodegradable. Biodegradation: 0%; Exposure time: 28 days.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data 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.
- Product Containers:** Empty remaining contents. 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 dangerous goods. |
| TDG (Transportation of Dangerous Goods, Canada): | Not dangerous goods. |
| IMDG (International Maritime Dangerous Goods): | Not dangerous goods. Not a marine pollutant. |
| IATA (International Air Transport Association): | Not dangerous goods. |
| ICAO (International Civil Aviation Organization): | Not dangerous goods. |

15 REGULATORY INFORMATION

- TSCA Inventory Status:** On or in compliance with the active portion of the TSCA inventory. No substances are subject to TSCA 12(b) export notification requirements.
- CERCLA Reportable Quantity:** Component: Disodium Phosphate (7558-79-4); Component RQ: 5000 lbs. Calculated RQ exceeds reasonably attainable upper limit.
- SARA 304:** This material does not contain any components with a section 304 extremely hazardous reportable quantity.
- SARA 311/312 Hazards:** Combustible Dust.
- SARA 302:** This material does not contain any components with a section 302 EHS TPQ.
- SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
- PA Right to Know:** Bio Polymer III (254504001-5906); Inorganic salts (N/A). The identity and concentration of one or more component(s) is being withheld under business confidentiality
- NJ Right to Know:** Bio Polymer III (254504001-5906); Inorganic salts (N/A); Monosodium Phosphate (7558-80-7); Disodium Phosphate (7558-79-4). The identity and concentration of one or more component(s) is being withheld under business confidentiality.
- Canada (DSL):** All components of this product are on the Canadian DSL.
- China (IECSC):** On the inventory, or in compliance with the inventory.
- Australia (AICS):** On the inventory, or in compliance with the inventory.
- Japan (ENCS):** On the inventory, or in compliance with the inventory.
- Philippines (PICCS):** On the inventory, or in compliance with the inventory.
- Korea (KECI):** On the inventory, or in compliance with the inventory.
- Taiwan (TCSI):** On the inventory, or in compliance with the inventory.
- California Prop 65:** This product contains a chemical that is at or below California Propositions 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

16 OTHER INFORMATION

- Revision Date:** 13-Jun-2024
- 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.

