



Polysorbate-40

Material Safety Data Sheet

(updated 7-11-2014)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polysorbate-40

INCI Name: Polysorbate-40

CAS Number: 9005-66-7

Chemical Name: Polyoxyethylene (10) sorbitan monolaurate

Company Name: MakingCosmetics Inc.

Company Address: 35318 SE Center Street, Snoqualmie WA 98065 (USA), Phone 425-292-9502

SECTION 2 – INGREDIENTS

Chemical Name:	CAS	% (w/w)	TWA/TLV
Polyethylene (20) Sorbitan Monostearate	9005-67-8	92%	None established
Fatty Acid C14-18, ethoxylated	68154-30-3	5%	None established
Water	7732-18-5	3%	None established

SECTION 3 – HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

Carcinogenic Effects: Not available.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

Repeated or prolonged exposure is not known to aggravate medical conditions.

SECTION 4- FIRST AID MEASURES

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Ingestion: Not available.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

SECTION 5- FIRE AND EXPLOSION DATA

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Point: Not available.

Flammable Limits: Not available.

SECTION 5- FIRE AND EXPLOSION DATA CONTINUED

Products of Combustion:	These products are carbon oxides, (CO, CO2)
Fire Hazards in Presence of Various Substances:	Not available.
Explosion Hazards in Presence of Various Substances:	
Risks of explosion of the product in presence of mechanical impact:	Not available.
Risks of explosion of the product in presence of static discharge:	Not available.
Fire Fighting Media and Instructions:	
Small Fire:	Use dry chemical powder
Large Fire:	Use water spray, fog or foam. Do not use water jet.
Special remarks on fire hazards:	Not available
Special remarks on explosion hazards:	Not available.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Small spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large spill:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7- HANDLING AND STORAGE

Precautions:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.
Storage:	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 8- EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limits.
Personal Protection:	Safety glasses. Lab coat. Dust respirator. Be sure to use an approved / certified respirator or equivalent. Gloves.
Personal Protection in case of a large spill:	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.
Exposure Limits:	Not available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Solid
Odor:	Not available
Taste:	Not available
Color:	Not available
Molecular Weight:	1131.9 g/mole
pH (1% soln.water):	Not available
Boiling Point (Deg. F):	> 212
Boiling Point (Deg. C):	> 100
Flash Point (Deg. F):	> 300 (Open Cup)
Autoignition Temperature (Deg. F):	Not available

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES CONTINUED
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Explosive Properties:	Not available
Oxidizing Properties:	Not available
Specific Gravity:	1.07 (water =1)
Vapor Pressure (mm Hg):	< 1.000
Vapor Density:	Not applicable
Volatility:	Not available
Odor Threshold:	Not available
Water/Oil Dist. Coeff.:	Not available
Ionicity (in water):	Not available
Dispersion Properties:	See solubility in water
Solubility (Water):	Easily soluble in cold water, hot water
Solubility (Other):	Soluble in: Isopropanol, Ethanol, insoluble in: Mineral Oil, Vegetable Oil, Propylene Glycol.
Pour Point (Deg. F):	- 70
Pour Point (Deg. C):	- 21.1

SECTION 10- STABILITY AND REACTIVITY DATA

Stability:	The product is stable
Instability Temperature:	Not available
Conditions of Instability:	Not available
Incompatibility with various substances:	Reactive with oxidizing agents
Corrosivity:	Non-corrosive in presence of glass
Special Remarks on Reactivity:	Not available
Special Remarks on Corrosivity:	Not available
Polymerization:	No

SECTION 11- TOXICOLOGICAL INFORMATION

Routes of Entry:	Not available
Toxicity to Animals:	LD50: Not available LC50: Not available
Chronic Effects on Humans:	Not available
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of ingestions, of inhalation
Special Remarks on Toxicity to Animals:	Not available
Special Remarks on Chronic Effects on Humans:	Not available
Special Remarks on other Toxic Effects on Humans:	Not available

SECTION 12- ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
BOD5 and COD:	Not available
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	The product of degradation are more toxic.
Special remarks on the Products of Biodegradation:	Not available

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Disposal

SECTION 14- TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States)



Identification: Not available
 Special Provisions for Transport: Not available

SECTION 15- OTHER REGULATORY INFORMATION

Symbol: None
 Risk Phrase(s): No Risk Phrases assigned
 Safety Phrase(s): Not Safety Phrases assigned
 EU (EINECS/ELINCS/NLP): Compliant
 USA (TSCA) Compliant
 Canada (DSL) Compliant
 Australia (AICS) Compliant
 Japan (ENCS) Compliant
 China (IECSC) Compliant
 Korea (ECL) Compliant
 Philippines (PICCS) Compliant

OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary:

Health Hazards: None
 Physical Hazards: None

WHMIS Classification: Not controlled/Non-Hazardous

CERCLA and SARA Regulations (40 CFR 355, 370 and 372):

This material contains the following chemicals subject to the reporting requirements of SARA 313:
 No 313 – listed chemicals in this product.

SARA 311/312 Hazard Categories:

Immediate: N
 Delayed: N
 Fire: N
 Pressure: N
 Reactivity: N

State Regulations:

California Proposition 65: WARNING. This product contains the following chemical(s) known to the State of California to cause

cancer. Values listed are percent weight, i.e. 0.00001 = 1 ppm

Formaldehyde: 0.003
 1,4 Dioxane: 0.001
 Acetaldehyde/2,4 Hexadienal: 0.0009
 Ethylene Oxide: 0.0001

California Proposition 65: WARNING. This product contains the following chemical(s) known to the State of California to cause

birth defects to other reproductive harm. Values listed are percent weight, i.e. 0.0001 = 1 ppm.

Ethylene Oxide: 0.0001

SECTION 16- OTHER INFORMATION

HMIS (U.S.A):	Health Hazard	(0)
	Fire Hazard	(1)
	Reactivity	(0)
	Personal Protection	(A)
National Fire Protection Association (U.S.A)	Health	(0)
	Flammability	(1)
	Reactivity	(0)

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.