

PEG-8 Dilaurate

Material Safety Data Sheet

(updated 7-11-2014)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: PEG-8 Dilaurate

INCI Name: PEG-8 Dilaurate

CAS Number: 61791-29-5

Chemical Name:

Company Name: MakingCosmetics Inc.

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

CAS Number:	Formula:
Mixture	Mixture
Supercedes:	DOT Shipping Name:
09/03/86	Not Regulated
DOT Hazard Classification:	DOT Label:
Non-Hazardous	None
Chemical Name:	Polyethylene glycol dicocoate; PEG-8 dilaurate (CTFA name); Polyethylene glycol 400 dilaurate

SECTION II - INGREDIENTS

	<u>APPROXIMATE WEIGHT%</u>	<u>TWA/TLV</u>
Polyethylene glycol dicoate (CAS #68139-91-3):	85	NONE ESTABLISHED
Polyethylene glycol monococoate (CAS #61791-29-5):	15	NONE ESTABLISHED
Polyethylene glycol (CAS #25322-68-3):	2	NONE ESTABLISHED
Coco fatty acid (CAS #61788-47-4):	2	NONE ESTABLISHED

SECTION III - PHYSICAL DATA

APPEARANCE:	YELLOW LIQUID
VISCOSITY:	NOT KNOWN
BOILING POINT:	NOT KNOWN
VAPOR DENSITY (AIR=1):	NOT APPLICABLE
PERCENT VOLATILE BY WEIGHT:	<0.5 (WATER)
EVAPORATION RATE (BUTYL ACETATE=1):	NOT APPLICABLE
pH	4 (5% SOLUTION)
ODOR:	MILD FATTY
MELTING OR FREEZING POINT:	NOT KNOWN
VAPOR PRESSURE (mm Hg):	NOT APPLICABLE
SOLUBILITY IN WATER:	DISPERSIBLE
SPECIFIC GRAVITY (H ₂ O=1) @25°C:	0.99

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT:	249°C (COC)
EXTINGUISHING MEDIA:	FOAM, WATER, DRY CHEMICAL, CO ₂
SPECIAL FIRE FIGHTING PROCEDURES:	MUST WEAR MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	PRODUCTS OF COMBUSTION ARE TOXIC. TREAT AS HOT OIL OR FAT. IF WATER MUST BE USED, USE A FOG NOZZLE TO AVOID SPATTERING OF HOT MATERIAL AND SPREAD OF BURNING LIQUID.
AUTO IGNITION TEMPERATURE:	NOT KNOWN
UPPER EXPLOSION LIMIT (%):	NOT APPLICABLE

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SECTION V - HEALTH EFFECTS INFORMATION

PRIMARY ROUTES OF ENTRY: SKIN CONTACT AND EYE CONTACT
EFFECTS OF OVEREXPOSURE: BASED UPON THE RESULTS OF ANIMAL TOXICITY STUDIES, IT IS ANTICIPATED THAT DIRECT SKIN AND EYE CONTACT MAY PRODUCE MILD IRRITATION. NO INFORMATION IS AVAILABLE ON HUMAN OVEREXPOSURE.

**EMERGENCY AND
FIRST AID PROCEDURES:**
SEEK MEDICAL

EYES: FLUSH EYES WITH PLENTY OF WATER FOR SEVERAL MINUTES.
ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

SKIN: WASH AFFECTED AREAS WITH PLENTY OF WATER, AND SOAP IF AVAILABLE, FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION: IF SWALLOWED, RINSE OUT MOUTH AND DRINK 2-3 GLASSES OF WATER. SEEK MEDICAL ATTENTION IF DISCOMFORT OR OTHER SYMPTOMS DEVELOP.

INHALATION: IF SIGNIFICANT QUANTITIES ARE INHALED, REMOVE FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF DISCOMFORT OR OTHER SYMPTOMS DEVELOP.

CHEMICALS LISTED AS CARCINOGEN BY:

NATIONAL TOXICOLOGY PROGRAM:	NO
I.A.R.C. MONOGRAPHS:	NO
OSHA:	NO

SECTION VI - REACTIVITY INFORMATION

STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS:	THERMAL DECOMPOSITION MAY PRODUCE TOXIC ORGANIC VAPORS/FUMES AND OXIDES OF CARBON, NITROGEN AND SULFUR.
HAZARDOUS POLYMERIZATION: CONDITIONS TO AVOID:	WILL NOT OCCUR NONE KNOWN
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG OXIDIZING AGENTS, ACIDS OR BASES.

SECTION VII - SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
CAUTION! FLOORS MAY BECOME SLIPPERY. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND NIOSH/MSHA APPROVED RESPIRATOR WHERE MIST OR VAPORS OF UNKNOWN CONCENTRATIONS MAY BE GENERATED (SELF-CONTAINED BREATHING APPARATUS PREFERRED).

DIKE AND CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, ETC.) AND TRANSFER THE LIQUID AND SOLID SEPARATELY TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP SPILL OUT OF SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHOD:
DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. INCINERATION IS THE PREFERRED METHOD.



SECTION VIII- PERSONAL PROTECTION INFORMATION

VENTILATION TYPE:
IN PROCESSES WHERE MISTS OR VAPORS MAY BE GENERATED, PROPER VENTILATION MUST BE PROVIDED IN ACCORDANCE WITH GOOD VENTILATION PRACTICES.

RESPIRATORY PROTECTION:
WHERE MIST OR VAPORS ARE GENERATED BY THE PROCESS, A NIOSH/MSHA JOINTLY APPROVED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.

PROTECTIVE GLOVES:
RUBBER OR NEOPRENE, WHEN NEEDED, TO PREVENT SKIN CONTACT.

EYE PROTECTION:
WEAR CHEMICAL SPLASH GOGGLES WHERE THERE IS A POTENTIAL FOR EYE CONTACT. USE SAFETY GLASSES WITH SIDE SHIELDS UNDER NORMAL USE CONDITIONS.

OTHER PROTECTIVE EQUIPMENT:
EYE WASH; SAFETY SHOWER; PROTECTIVE CLOTHING (LONG SLEEVES, COVERALLS OR OTHER, AS APPROPRIATE), WHEN NEEDED, TO PREVENT SKIN CONTACT.

SECTION IX - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING:
KEEP CONTAINERS CLOSED UNTIL USED. TO MAINTAIN PRODUCT QUALITY, DO NOT STORE IN HEAT OR DIRECT SUNLIGHT.

SECTION X - TOXICOLOGY INFORMATION

* ORAL LD ₅₀ (RAT):	GREATER THAN 5000mg/kg
* EYE IRRITATION (RABBIT):	MILD IRRITANT. (PRIMARY IRRITATION INDEX = 2; IRRITATION CLEARED BY DAY 2, POST DOSE.)
* SKIN IRRITATION (RABBIT):	MILD IRRITANT

SECTION XI - MISCELLANEOUS AND REGULATORY INFORMATION

FEDERAL LEVEL REGULATIONS:
TOXIC SUBSTANCES CONTROL ACT (TSCA INVENTORY) STATUS:
FOUND ON U.S. EPA TSCA INVENTORY.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT OF 1980) REQUIRES NOTIFICATION OF THE NATIONAL RESPONSE CENTER (TELEPHONE 1-800-424-8802) IN THE EVENT OF A RELEASE OF QUANTITIES OF THE FOLLOWING HAZARDOUS MATERIALS CONTAINED IN THIS PRODUCT, IF THE RELEASE IS EQUAL TO OR GREATER THAT THE REPORTABLE QUANTITIES (RQs) LISTED IN 40 CFR 302.4:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>TYPICAL MAXIMUM CONCENTRATION</u>
NONE KNOWN	-	-

SARA TITLE III, SECTIONS 302/304 (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986):
THIS ACT REQUIRES EMERGENCY PLANNING, INCLUDING AGENCY NOTIFICATION, FOR POSSIBLE RELEASE OF THE FOLLOWING COMPONENTS OF THIS MATERIAL, BASED UPON THE THRESHOLD PLANNING QUANTITIES (TPQs) AND RELEASE REPORTABLE QUANTITIES (RQs) LISTED FOR THE COMPONENTS IN 40 CFR 355:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>TYPICAL MAXIMUM CONCENTRATION</u>
NONE KNOWN	-	-

SARA TITLE III, SECTIONS 311/312 -
THIS ACT REQUIRES REPORTING UNDER THE COMMUNITY RIGHT-TO-KNOW PROVISIONS DUE TO THE INCLUSION OF THE FOLLOWING COMPONENTS OF THIS MATERIAL IN ONE OR MORE OF THE FIVE HAZARD CATEGORIES LISTED IN 40 CFR 370:



<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	HAZARD *)	<u>CONCENTRATION</u>
NONE KNOWN	-	-	-

*) THE FIVE HAZARD CATEGORIES ARE AS FOLLOWS: F= FIRE HAZARD; S=SUDDEN RELEASE OF PRESSURE; R=REACTIVE; A=IMMEDIATE (ACUTE) HEALTH HAZARD; C=DELAYED (CHRONIC) HEALTH HAZARD.

SARA TITLE 313-

THIS ACT REQUIRES SUBMISSION OF ANNUAL REPORTS OF RELEASES OF THE FOLLOWING COMPONENTS OF THIS MATERIAL IF THE THRESHOLD REPORTING QUANTITIES, AS LISTED IN 40 CFR 372, ARE MET OR EXCEEDED:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	TYPICAL MAXIMUM	<u>CONCENTRATION</u>
NONE KNOWN	-	-	-

STATE RIGHT-TO-KNOW REGULATIONS:

CALIFORNIA PROPOSITION 65-

COMPONENTS PRESENT IN THIS MATERIAL WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM AS FOLLOWS:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	TYPICAL MAXIMUM	<u>CONCENTRATION</u>
Acetaldehyde	75-07-0	1 PPM	
1, 4-Dioxane	123-91-1	10 PPM	
Ethylene oxide	75-21-8	1 PPM	

MASSACHUSETTS RIGHT-TO-KNOW-

THE FOLLOWING COMPONENTS OF THIS MATERIAL ARE INCLUDED IN THE MASSACHUSETTS SUBSTANCE LIST AND ARE PRESENT AT OR ABOVE REPORTABLE LEVELS:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	TYPICAL MAXIMUM	<u>CONCENTRATION</u>
Acetaldehyde	75-07-0	1 PPM	
1, 4-Dioxane	123-91-1	10 PPM	
Ethylene oxide	75-21-8	1 PPM	

MICHIGAN CRITICAL MATERIALS-

THE FOLLOWING COMPONENTS OF THIS MATERIAL ARE INCLUDED IN THE MICHIGAN CRITICAL MATERIALS LIST:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	TYPICAL MAXIMUM	<u>CONCENTRATION</u>
NONE KNOWN	-	-	-

NEW JERSEY RIGHT-TO-KNOW-

THE FOLLOWING COMPONENTS OF THIS MATERIAL ARE INCLUDED IN THE NEW JERSEY HAZARDOUS SUBSTANCE LIST AND ARE PRESENT AT OR ABOVE REPORTABLE LEVELS:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	TYPICAL MAXIMUM	<u>CONCENTRATION</u>
NONE KNOWN	-	-	-

PENNSYLVANIA RIGHT-TO-KNOW-

THE FOLLOWING COMPONENTS OF THIS MATERIAL ARE INCLUDED IN THE PENNSYLVANIA HAZARDOUS SUBSTANCE LIST AND ARE PRESENT AT OR ABOVE REPORTABLE LEVELS:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	TYPICAL MAXIMUM	<u>CONCENTRATION</u>
NONE KNOWN	-	-	-

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