



PEG-20 Stearate

Material Safety Data Sheet

(updated 5-11-2015)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: PEG-20 Stearate

INCI Name: PEG-20 Stearate

CAS Number: 9004-99-3

Chemical Name:

Company Name: MakingCosmetics Inc.

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

CHEMICAL: POLYGLYCOL ESTER
CAS NUMBER: 9004-99-3
SARA HAZARD: NONE NOTED (SECTION 311/312)
TITLE III SECTION 313 - NOT LISTED

SECTION II - HAZARDOUS INGREDIENTS

COMPOSITION:	%	PEL/TLV	HAZARD
PEG 1000 MONOSTEARATE FLAKE (9004-99-3)	99+	NONE/NONE	NONE NOTED

THIS PRODUCT MAY CONTAIN TRACE AMOUNTS OF ETHYLENE OXIDE (75-21-8), ACETALDEHYDE (75-07-0), AND 1,4-DIOXANE (123-91-1), AND IS LISTED IN ACCORDANCE WITH THE REGULATIONS AS SPECIFIED IN CALIFORNIA PROPOSITION 65. ETHYLENE OXIDE IS A POTENTIAL CANCER AND REPRODUCTIVE HAZARD. 1,4-DIOXANE IS A POTENTIAL CANCER HAZARD.

SECTION III - HEALTH INFORMATION

INHALATION: UNKNOWN
INGESTION: LD50:20 G/KG (ALBINO RAT)
EYE CONTACT: THE PRODUCT WAS NOT CLASSIFIED AS A PRIMARY EYE IRRITANT.
SKIN CONTACT: PEG (1000) MONSTEARTE IS NOT A PRIMARY SKIN IRRITANT OR A CORROSIVE MATERIAL (RABBITS).
PRIMARY SKIN IRRITATION INDEX WAS EQUAL TO 0.0.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: TWA: 1 PPM; EL (15 MIN): 5 PPM (ETHYLENE OXIDE)
TWA: 100 PPM; STEL: 150 PPM (ACETALDEHYDE)
TWA: 25 PPM (SKIN) (1,4-DIOXANE)

TLV: TWA: 1 PPM (ETHYLENE OXIDE)
TWA: 100 PPM (ACETALDEHYDE)
TWA: 25 PPM (1,4-DIOXANE)

SECTION V - EMERGENCY FIRST AID PROCEDURE

FOR OVEREXPOSURE
BY SWALLOWING:

CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

FOR OVEREXPOSURE
BY SKIN CONTACT:

WASH AFFECTED AREA.

FOR OVEREXPOSURE
BY EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES.
DO NOT LET VICTIM RUB EYES. GET MEDICAL ATTENTION IMMEDIATELY.

FOR OVEREXPOSURE
BY INHALATION:

IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE
ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH-TO-MOUTH. GET MEDICAL
ATTENTION IMMEDIATELY.

MakingCosmetics.com Inc.

35318 SE Center Street, Snoqualmie, WA 98065

Phone 425-292-9502

Fax 425-292-9601

www.makingcosmetics.com

SECTION VI - PHYSICAL DATA	
BOILING POINT:	NOT DETERMINED
MELTING POINT:	36°C
CAPOR PRESSURE:	NOT ESTABLISHED
SPECIFIC GRAVITY:	1.48 @ 25°C
VAPOR DENSITY (AIR=1):	GREATER THAN 1
SOLUBILITY IN WATER:	SOLUBLE
APPEARANCE AND COLOR:	WHITE WAXY SOLID
SECTION VII - FIRE AND EXPLOSION HAZARDS	
FLASH POINT & METHOD USED:	430°F (221°C) C.O.C.
FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER:	NOT ESTABLISHED
FLAMMABLE LIMITS IN AIR, % BY VOL. UPPER:	NOT ESTABLISHED
NFPA RATING:	NO NFPA RATING
HMS RATING:	HEALTH (0) FIRE (1) REACTIVITY (0)
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:	(INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED) USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM THE FIRE AND DILUTE SPILLS TO NONFLAMMABLE MIXTURES.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.
SECTION VIII- REACTIVITY	
STABILITY:	GENERALLY STABLE
HAZARDOUS POLYMERIZATION:	NONE LIKELY
CONDITIONS & MATERIALS TO AVOID:	KEEP AWAY FROM HEAT AND FLAMES. AVOID CONTACT WITH OXIDIZING MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS:	DECOMPOSITION MAY PRODUCE OXIDES OF CARBON.
SECTION IX - EMPLOYEE PROTECTION	
CONTROL MEASURES:	HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.
RESPIRATORY PROTECTION:	WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE CRITERIA (SEE SECTIONS II AND IV), USE NIOSH/OSHA APPROVED RESPIRATORY EQUIPMENT. RESPIRATORS SHOULD
BE	SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANT IN AIR AND IN ACCORDANCE WITH OSHA (29 CFR 1910.134).
PROTECTIVE CLOTHING:	WEAR GLOVES AND PROTECTIVE CLOTHING WHICH ARE IMPERVIOUS TO THE PRODUCT FOR THE DURATION OF ANTICIPATED EXPOSURE IF THERE IS POTENTIAL FOR PROLONGED OR REPEATED SKIN CONTACT.
EYE PROTECTION:	WEAR SAFETY GLASSES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 WHERE NO CONTACT WITH THE EYE IS ANTICIPATED. CHEMICAL SAFETY GOGGLES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 SHOULD BE WORN WHENEVER SECTION VII - FIRE AND EXPLOSION HAZARDS



SECTION X - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS:

AVOID UNCONTROLLED RELEASES OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.

SPILL OR LEAK PRECAUTIONS:

WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING AS DESCRIBED IN SECTION IX. CONTAIN SPILL MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.

WASTE DISPOSAL:

ALL RECOVERED MATERIAL SHOULD BE PACKED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE POSSIBLE.

SECTION XI - REGULATORY CONTROLS

DEPARTMENT OF TRANSPORTATION:

DOT CLASSIFICATION: NOT REGULATED

DOT PROPER SHIPPING NAME: -

OTHER DOT INFORMATION: -

OTHER REGULATORY REQUIREMENTS:

LISTED IN TSCA INVENTORY

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

NO SPECIAL PRECAUTIONS NECESSARY. AVOID CONTAINER DAMAGE WHILE HANDLING AND STORING.

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.

MakingCosmetics.com Inc.

35318 SE Center Street, Snoqualmie, WA 98065

Phone 425-292-9502

Fax 425-292-9601

www.makingcosmetics.com