

PEG 200 Monooleate

MSDS (Material Safety Data Sheet)

November 12, 2012

SYNONYMS: PEG 200 MONOOLEATE
 CHEMICAL: POLYGLYCOL ESTER
 CAS NUMBER: 9004-96-0
 DATED: 12/10/85

SECTION II - HAZARDOUS INGREDIENTS			
COMPOSITION:	%	PEL/TLV	HAZARD
PEG (200) MONOOLEATE (9004-96-0)	99+	NONE/NONE	NONE NOTED

SECTION III - HEALTH INFORMATION	
INHALATION:	UNKNOWN
INGESTION:	LD50:59 ML/KG (SIMILAR PRODUCTS) (RAT)
EYE CONTACT:	SIMILAR PRODUCTS WERE NOT CLASSIFIED AS PRIMARY EYE IRRITANTS.
SKIN CONTACT:	SIMILAR PRODUCTS WERE NOT CLASSIFIED AS PRIMARY SKIN IRRITANTS OR AS CORROSIVE MATERIALS.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS	
PEL:	NO OSHA PEL
TLV:	NO ACGIH TLV

SECTION V - EMERGENCY FIRST AID PROCEDURE	
FOR OVEREXPOSURE BY SWALLOWING:	CALL A PHYSICIAN OR POISON CONTROL CENTER PROMPTLY.
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.

SECTION V - EMERGENCY FIRST AID PROCEDURE Continued.....	
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.

SECTION VI - PHYSICAL DATA	
BOILING POINT:	NOT DETERMINED
MELTING POINT:	LIQUID AT 25°C
VAPOR PRESSURE:	NOT ESTABLISHED
SPECIFIC GRAVITY:	1.0 AT 25°C
VAPOR DENSITY (AIR=1):	GREATER THAN 1
SOLUBILITY IN WATER:	DISPERSIBLE
APPEARANCE AND COLOR:	CLEAR YELLOW LIQUID

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT & METHOD USED:	425°F (218°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
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:	(INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES 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: CONDITIONS & MATERIALS TO AVOID:	NONE LIKELY KEEP AWAY FROM HEAT AND FLAMES. AVOID CONTACT WITH OXIDIZING MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS:	DECOMPOSITION OF ORGANIC MATERIALS MAY PRODUCE OXIDES OF CARBON.

SECTION IX - EMPLOYEE PROTECTION Continued.....

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 THERE IS THE POSSIBILITY OF SPLASHING OR OTHER CONTACT WITH THE EYES.

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.

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