

Propylene Glycol Ricinoleate

MSDS (Material Safety Data Sheet)

November 13, 2012

CTFA NAME: PROPYLENE GLYCOL RICINOLEATE
CHEMICAL FAMILY: FATTY ESTER
CAS#: 26402-31-3

SECTION II - HAZARDOUS INGREDIENTS

NONE

SECTION III - PHYSICAL DATA

BOILING POINT(°F.): >200°C
VAPOR PRESSURE (mm Hg): NOT DETERMINED
VAPOR DENSITY (AIR=1): NOT DETERMINED
SOLUBILITY IN WATER @25°: INSOLUBLE
APPEARANCE AND ODOR: OILY YELLOW TO AMBER LIQUID
SPECIFIC GRAVITY (H₂O=1): APPROX. 0.95 @ 25°C
PH (10%): APPROX. 6

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >150°C
EXTINGUISHING MEDIA: FOAM, WATER FOG, CO² OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: USE NIOSH RESPIRATOR AND PROTECTIVE CLOTHING
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
FLAMMABLE LIMITS: Lel/Uel: - NOT DETERMINED

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: SKIN AND EYE CONTACT MAY RESULT IN IRRITATION

SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, CALL A PHYSICIAN.
SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER
INHALATION: N/A
INGESTION: INDUCE VOMITING, IF VICTIM IS CONSCIOUS. GET MEDICAL ATTENTION.

SECTION VII - REACTIVITY DATA

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
MATERIALS TO AVOID: STRONG OXIDIZERS AND REDUCING AGENTS.
CONDITIONS TO AVOID: PROLONGED HEATED STORAGE
HAZARDOUS DECOMPOSITION PRODUCTS: INCOMPLETE COMBUSTION; CARBON MONOXIDE

SECTION VIII - SPILL OR LEAKAGE PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
LARGE SPILLS: COLLECT AND RETURN TO PROCESS.
SMALL SPILLS: COLLECT ON ABSORBANT MATERIAL FOR DISPOSAL.

WASTE DISPOSAL METHOD:

INCINERATION OR LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.



SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

(SPECIFIC TYPE):

VENTILATION:

PROTECTIVE GLOVES:

EYE PROTECTION:

SKIN PROTECTION:

OTHER PROTECTIVE EQUIPMENT:

NOT NORMALLY REQUIRED

MECHANICAL(GENERAL):

NOT REQUIRED

SAFETY GOGGLES

RUBBER GLOVES

NONE

SATISFACTORY

OTHER: -

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

AVOID CONTACT WITH EYES.
NORMAL PRECAUTIONS SATISFACTORY.

OTHER PRECAUTIONS:

NONE

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