

1 - Product and Company Information

ProductName

POLY(PROPYLENE GLYCOL) 4-NONYLPHENYL  
ETHER ACRYLATE, AVERAGE MN CA. 419

2 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Irritating to eyes, respiratory system and skin.

3 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I
POLY(PROPYLENE GLYCOL) 4-NONYLPHENYLEETHER ACRYLATE	71926-19-7	None	None

Ingredient Name	Percent	CAS #	EC no	Annex I
THE FOLLOWING SUBSTANCES ARE PRESENT AS RESIDUAL COMPONENTS OF PRODUCTION.		None	None	None

TOLUENE 1 108-88-3 203-625-9 601-021-00-3  
Repr. Cat.3  
Symbols: F-Xn  
R-Phrases: 11-38-48/20-63-65-67  
Highly flammable. Irritating to skin. Harmful: danger of serious  
damage to health by prolonged exposure through inhalation.  
Possible risk of harm to the unborn child. Harmful: may cause lung  
damage if swallowed. Vapors may cause drowsiness and dizziness.

Formula C51H82O9

4 - First Aid Measures

AFTER INHALATION  
If inhaled, remove to fresh air. If not breathing give  
artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT  
In case of contact, immediately wash skin with soap and copious  
amounts of water.

AFTER EYE CONTACT  
In case of contact, immediately flush eyes with copious amounts  
of water for at least 15 minutes.

AFTER INGESTION  
If swallowed, wash out mouth with water provided person is  
conscious. Call a physician.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA  
Suitable: Carbon dioxide. Dry chemical powder.

SPECIAL RISKS  
Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS  
Wear self-contained breathing apparatus and protective clothing  
to prevent contact with skin and eyes.

6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)  
Wear respirator, chemical safety goggles, rubber boots, and  
heavy rubber gloves.

METHODS FOR CLEANING UP  
Absorb on sand or vermiculite and place in closed containers for  
disposal. Ventilate area and wash spill site after material  
pickup is complete.

7 - Handling and Storage

HANDLING  
Directions for Safe Handling: Do not breathe vapor. Avoid  
contact with eyes, skin, and clothing. Avoid prolonged or  
repeated exposure.

STORAGE  
Conditions of Storage: Keep tightly closed. Store away from  
heat. Store in a cool dry place. Store in the dark.

8 - Exposure Controls / Personal Protection

ENGINEERING CONTROLS  
Mechanical exhaust required. Safety shower and eye bath.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT  
Respiratory Protection: Use respirators and components tested and  
approved under appropriate government standards such as NIOSH (US)  
or CEN (EU). Where risk assessment shows air-purifying respirators  
are appropriate use a full-face respirator with multi-purpose  
combination (US) or type ABEK (EN 14387) respirator cartridges as  
a backup to engineering controls. If the respirator is the sole  
means of protection, use a full-face supplied air respirator.  
Hand Protection: Compatible chemical-resistant gloves.  
Eye Protection: Chemical safety goggles.

9 - Physical and Chemical Properties

Appearance	Physical State: Liquid	
Property	Value	At Temperature or Pressure
pH	N/A	
BP/BP Range	N/A	
MP/MP Range	N/A	
Flash Point	113 °C	Method: closed cup
Flammability	N/A	
Autoignition Temp	N/A	
Oxidizing Properties	N/A	
Explosive Properties	N/A	
Explosion Limits	N/A	
Vapor Pressure	N/A	
SG/Density	0.99 g/cm3	
Partition Coefficient	N/A	
Viscosity	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
Evaporation Rate	N/A	
Bulk Density	N/A	
Decomposition Temp.	N/A	
Solvent Content	N/A	
Water Content	N/A	
Surface Tension	N/A	
Conductivity	N/A	
Miscellaneous Data	N/A	
Solubility	N/A	

10 - Stability and Reactivity

STABILITY  
Stable: Stable.  
Materials to Avoid: Strong oxidizing agents.

HAZARDOUS POLYMERIZATION  
Hazardous Polymerization: Will not occur

11 - Toxicological Information

SIGNS AND SYMPTOMS OF EXPOSURE  
Inhalation studies on toluene have demonstrated the development  
of inflammatory and ulcerous lesions of the penis, prepuce, and  
scrotum in animals. To the best of our knowledge, the chemical,  
physical, and toxicological properties have not been thoroughly  
investigated.

ROUTE OF EXPOSURE  
Skin Contact: Causes skin irritation.  
Skin Absorption: May be harmful if absorbed through the skin.  
Eye Contact: Causes eye irritation.  
Inhalation: Material is irritating to mucous membranes and upper  
respiratory tract. May be harmful if inhaled.  
Ingestion: May be harmful if swallowed.

TARGET ORGAN INFORMATION  
Brain. Kidneys. Liver. Bladder.

CONDITIONS AGGRAVATED BY EXPOSURE

May cause nervous system disturbances.

12 - Ecological Information

No data available.

13 - Disposal Considerations

SUBSTANCE DISPOSAL  
Contact a licensed professional waste disposal service to dispose  
of this material. Dissolve or mix the material with a combustible  
solvent and burn in a chemical incinerator equipped with an  
afterburner and scrubber. Observe all federal, state, and local  
environmental regulations.

14 - Transport Information

RID/ADR  
Non-hazardous for road transport.

IMDG  
Non-hazardous for sea transport.

IATA  
Non-hazardous for air transport.

15 - Regulatory Information


CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES  
INDICATION OF DANGER: Xi  
Irritant.  
R-PHRASES: 36/37/38  
Irritating to eyes, respiratory system and skin.  
S-PHRASES: 26-36  
In case of contact with eyes, rinse immediately with plenty of  
water and seek medical advice. Wear suitable protective  
clothing.

Caution: Substance not yet fully tested (EU).

COUNTRY SPECIFIC INFORMATION

Germany  
WGK: 1  
Self-Classification

16 - Other Information

  
www.lookchem.com

For R&D use only. Not for drug, household or other uses.  
WARRANTY:  
The above information is believed to be correct but does not purport to be all inclusive and shall be  
used only as a guide. The information in this document is based on the present state of our knowledge  
and is applicable to the product with regard to appropriate safety precautions. It does not represent  
any guarantee of the properties of the product. Lookchem shall not be held liable for any damage  
resulting from handling or from contact with the above product. See reverse side of invoice or packing  
slip for additional terms and conditions of sale.