

# Material Safety Data Sheet



**PRODUCT NAME: PHENOCHEM**

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: PHENOCHEM  
CAS #: Proprietary Blend  
DATE: August 13, 2012

DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422

TELEPHONE: (866) 226-3834  
FAX: (215) 591 – 3620  
EMERGENCY: CHEMTREC (800) 424-9300  
PRODUCT NAME: PHENOCHEM

## COMPOSITION / INFORMATION ON INGREDIENTS

Blend of Phenoxyethanol, Methyl Paraben, Ethyl Paraben, Propyl Paraben, Butyl Paraben and Isobutyl Paraben.

DANGEROUS SUBSTANCE	CAS#	RANGE (%)	SYMBOL / R PHRASE
2-phenoxyethanol	122-99-6	=>75%	Xn R22-36

## HAZARDS IDENTIFICATION

R22: Harmful if swallowed  
R36: Irritating to eyes

## FIRST AID MEASURES

GENERAL INFORMATION: Remove contaminated Soaked clothing immediately and dispose of safely.  
INHALATION: Ensure supply of fresh air. In the event of symptoms refer for medical treatment.  
SKIN CONTACT: In case of contact with skin, wash of immediately with soap and water.  
Consult a doctor if skin irritation persists.  
EYE CONTACT: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.  
INGESTION: Rinse out mouth and give plenty of water to drink. Do not induce vomiting.  
Summon a doctor immediately.

## FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, dry powder, Carbon dioxide, water spray jet.  
DO NOT USE Full Water jet for safety reasons  
SPECIAL PROTECTIVE EQUIPMENT: Use breathing apparatus. Wear full protective suit.  
SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS:  
Risk of formation of toxic pyrolysis products  
ADDITIONAL INFORMATION: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS: Use breathing apparatus if exposed to vapors / dust / aerosol. Ensure adequate ventilation. Keep away from sources of ignition.

ENVIRONMENTAL PRECAUTIONS: Do not discharge into the drains/surface waters/ground water.

METHODS FOR CLEAN-UP: Take up with absorbent material (e.g. sand). Send in suitable containers for recovery or disposal.

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HANDLING AND STORAGE

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SAFE HANDLING: Avoid formation of aerosols. Use solvent-resistant equipment. Use only in well-ventilated areas.

STORAGE ROOM: Keep only in original container. Provide solvent resistant and impermeable floor.

PROTECTION FIRE/EXPLOSION: Keep away from sources of ignition. Take precautionary measures against static discharges.

STORAGE COMPATIBILITY: Do not store with combustible materials.

FURTHER INFO. ON STORAGE: Keep container in a well-ventilated place. Keep container tightly closed. Protect from heat/overheating.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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ADDITIONAL ADVICE ON SYSTEM DESIGN: Use with adequate ventilation for misting operations.

EXPOSURE LIMITS:

<u>SUBSTANCE:</u>	<u>CAS#:</u>	<u>VALUE:</u>
2-phenoxyethanol	122-99-6	

RESPIRATORY PROTECTION: Breathing apparatus in event of aerosol or mist formation.  
Short term: filter apparatus, combination filter A-P2.

HAND PROTECTION: Gloves. (solvent resistant)

EYE PROTECTION: Protective goggles.

SKIN PROTECTION: Not applicable

GENERAL PROTECTIVE MEASURES: Avoid contact with eyes and skin. Do not inhale gases/vapors/aerosols.

HYGIENE MEASURES: Do not eat or drink when working. Clean skin thoroughly after work, apply skin cream.  
Wash hands before breaks and after work. Use barrier skin cream. Remove soiled or soaked clothing immediately.

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PHYSICAL AND CHEMICAL PROPERTIES

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FORM:	Liquid
COLOR:	Colorless
ODOR:	Almost odorless
pH VALUE:	5.5 available
MELTING POINT:	+13°C
BOILING POINT:	244 - 250°C
FLASH POINT:	121°C
FLAMMABILITY:	--
SELF-IGNITION TEMP:	--
LEL/UEL:	1.4 / 9.0
COMBUSTIBLE PROPERTIES	No
VAPOR PRESSURE, (20°C):	--
DENSITY @ 25°C:	1.125
SOLUBILITY IN WATER	Soluble
PARTITION COEFFICIENT: n-octanol/water:	--
VISCOSITY:	--

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STABILITY AND REACTIVITY

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HAZARDOUS REACTIONS: Reactions with oxidizing agents  
HAZARDOUS DECOMPOSITION: No hazardous decomposition products known.

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TOXICOLOGICAL INFORMATION

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	Dimension	Species	Value:
ACUTE ORAL TOXICITY	LD50	rat	--
ACUTE DERMAL TOXICITY:	LD50	rabbit	--
ACUTE INHALATION TOXICITY:	LC50	rat	--

IRRITANT EFFECT ON SKIN --  
IRRITANT EFFECT ON EYE: --  
SENSITIZATION: --  
SUB ACUTE TOXICITY: --  
CHRONIC TOXICITY: --  
SUB CHRONIC TOXICITY: --  
MUTAGENICITY: --  
REPRODUCTION TOXICITY: --  
CARCINOGENICITY: --

Not toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive (88/379/EEC)

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DISPOSAL CONSIDERATIONS

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DISPOSAL / PRODUCT: Disposal should be in accordance with local, state, or federal regulation.  
For recycling, consult manufacturer.

DISPOSAL/CONTAMINATED PKG: Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

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ECOLOGICAL INFORMATION

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PHYSICO CHEMICAL ELIMINABILITY: N/A  
BIOLOGICAL DEGRADABILITY: N/A  
BIOLOGICAL ELIMINABILITY N/A  
DEGRADABILITY: N/A

BEHAVIOR IN ENVIRONMENT COMPARTMENTS:

FISH TOXICITY N/A  
DAPHNIA TOXICITY N/A  
BACTERIA TOXICITY N/A  
BEHAVIOR IN SEWAGE PLANT N/A

CHEMICAL OXYGEN DEMAND No  
BIOCHEMICAL OXYGEN DEMAND No  
AOX-ADVICE No

CONTAINS HEAVY METALS AND COMPOUNDS OF 16/464/EWG: No  
Ecological data are not available.

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TRANSPORT INFORMATION

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LAND TRANSPORT ADR/RID:

Class/Division/Group: No dangerous good  
UN-No.: ---  
Description: ---  
Inland waterways transport/remarks:  
Marine transport/IMDG-Code  
Class: None  
UN-Nr.: None  
Packing group: Not regulated  
EmS: ---  
MFAG: ---  
Marine pollutant: ---  
Proper shipping name: ---  
Air Transport/ICAO/IATA-DGR: No restrictions  
Class: No restrictions  
UN-/ID-Nr.: ---  
Packing group: ---  
Proper shipping name: ---

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REGULATORY INFORMATION

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LABELING: This product is classified and labeled in accordance with EC directives/local regulations on dangerous substances.

HAZARD SYMBOLS: Xn – Harmful

Contains: 2-phenoxyethanol

R PHRASES: R22: Harmful if swallowed  
R36: Irritating to eyes

S PHRASES: S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

HMIS RATING: HEALTH: 1  
FLAMMABILITY: 1  
REACTIVITY: 0  
SPECIAL: None

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.