



ACME
HARDESTY
OLEOCHEMICALS

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Material Safety Data Sheet

PRODUCT NAME: SHAROMIX 824

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SHAROMIX 824
DATE: January 15, 2010
DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422
TELEPHONE: (866) 226 - 3834
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EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

	CAS#	EC #	RANGE (%)	Symbol / R-phr
2-PHENOXYETHANOL	122-99-6	204-589-7	70 - 74%	Xn R22-36

HAZARDS IDENTIFICATION

Xn Harmful

Information pertaining to particular dangers for man and environment

R22: Harmful if swallowed R36: Irritating to eyes

Classification system

The classification is based on the criteria set out in EC Directive 93/21/EEC and its amendments

FIRST AID MEASURES

GENERAL: Remove contaminated soaked clothing immediately and dispose of safely.
INHALATION: Remove to fresh air and seek medical treatment if symptoms persist.
SKIN CONTACT: In case of contact with skin, wash off immediately with soap and water for at least 15 minutes. Consult a doctor if skin irritation persists.
EYE CONTACT: In case of contact with eyes rinse thoroughly with plenty of water for at least 15 minutes and seek medical advice.
INGESTION: Harmful if ingested, causes irritation. Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Get immediate medical assistance.
DOCTOR / TREATMENT: Treat symptomatically

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray jet / Dry powder / Carbon dioxide / Foam
EXTINGUISHING MEDIA THAT MUST NOT BE USED FOR SAFETY REASONS:
Full water jet

SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPERATION ITSELF - CONBUSTION PRODUCTS
Risk of formation of toxic pyrolysis products

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FIRE FIGHTING MEASURES, cont.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Use breathing apparatus
Wear full protective suit

ADDITIONAL INFORMATION: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with skin, eyes, and clothing. Use breathing apparatus if exposed to vapors/dust/aerosol. Ensure adequate ventilation. Keep away sources of ignition.

ENVIRONMENTAL PROTECTION: Do not discharge into the drains/surface waters/groundwater

METHODS FOR CLEANING UP/TAKING UP: Take up with absorbent material (example – sand)
Send in suitable containers for recovery or disposal

HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Avoid formation of aerosols / Use solvent-resistant equipment / Use only in well-ventilated areas. Avoid contact with eyes and open wounds. Wash thoroughly after handling. Keep away from food and domestic water supplies.

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

STORAGE ROOMS AND VESSELS REQUIREMENTS: Keep only in original container
Provide solvent-resistant and impermeable floor

STORAGE COMPATIBILITY: Do not store with combustible materials

FURTHER INFORMATION: Keep container in a well-ventilated place
Keep container tightly closed
Protect from heat / overheating

EXPOSURE CONTROL / PERSONAL PROTECTION

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:

2-phenoxyethanol 122-99-6

RESPIRATORY PROTECTION: Breathing apparatus in event of aerosol or mist formation
(short term: Filter apparatus, combination filter A-P)

HAND PROTECTION: Gloves (Solvent Resistant)

EYE PROTECTION: Protective goggles

SKIN PROTECTION: Protective clothing

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

EXPOSURE CONTROL / PERSONAL PROTECTION, cont.

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

PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid	COLOR	Colorless
ODOR	Faint specific odor	pH-VALUE	5.5 – 7.0
MELTING POINT	<10°C	BOILING POINT	244 – 248°C
FLASH POINT	121°C	IGNITION TEMP	157°C
FLAMMABILITY, (°C)	Not Applicable	DENSITY	1.125 (25°C)
SOLUBILITY IN WATER	2.67 gr/100ml	SOLUBILITY IN SOLVENTS	Soluble
SOLUBILITY IN OIL	Soluble		

STABILITY AND REACTIVITY

HAZARDOUS REACTIONS: Conditions to avoid: Heat, Flame, and Other sources of ignition
Material to avoid: Do not subject to acidic pH and mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products known

TOXICOLOGICAL INFORMATION

2-Phenoxyethanol

	<u>DIMENSION</u>	<u>SPECIES</u>	<u>VALUE</u>
ACUTE ORAL TOXICITY:	LD50	rat	1260 mg/kg
ACUTE DERMAL TOXICITY:	LD50	rabbit	5000 mg/kg
ACUTE INHALATION TOXICITY:	No		
IRRITANT EFFECT ON SKIN:	non irritant	without dilution – rabbit	
IRRITANT EFFECT ON EYE:	mild irritant	without dilution – rabbit	
SKIN SENSITIZATION:	non irritant	guinea pigs	
SUBACUTE TOXICITY:	No		
CHRONIC AND SUBCHRONIC TOXICITY:	No		
MUTAGENICITY:	No		
CARCINOGENICITY:	No		
REPRODUCTIVE TOXICITY:	No		

ECOLOGICAL INFORMATION

INFORMATION ABOUT ELIMINATION (BIODEGRADABILITY AND BIOACCUMULATION POTENTIAL):

2-Phenoxyethanol attained >90% ThOD in a BOD test. Low potential to bioaccumulate. The log Kow of 1.16 indicates that the substance is not expected to bioconcentrate in aquatic organisms.

DEGRADABILITY ACCORDING TO LAW OF WASH AND CLEANSING AGENT (WRMG):
Not applicable

BEHAVIOR IN ENVIRONMENT SYSTEMS ECOTOXICOLOGICAL EFFECTS:

Fathead minnow:	LC50	Pimephales promelas:	344 mg/l
Golden orfe:	NOEC	Idus idus melanotus:	200 mg/l

ECOLOGICAL INFORMATION, cont.

ADDITIONAL ECOLOGICAL INFORMATION:

AOX-Indication: The product does not contain substances, which can influence the AOX of waste water.

THE FORMULATION CONTAINS THE FOLLOWING HEAVY METALS AND COMPOUNDS ACCORDING TO EC GUIDELINE No. 76/464 EC:

Due to its formulation, the product does not contain heavy metals.

DISPOSAL CONSIDERATIONS

DISPOSAL / PRODUCT: For recycling, consult manufacturer. Product must be disposed of according to local regulations pertaining to the disposal of hazardous waste.

EUROPEAN WASTE CATALOGUE: 16 wastes not otherwise specified in the list.
16 03 off-specification batches and unused products
16 03 06 organic wastes other than those mentioned in 16 03 05

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

TRANSPORT INFORMATION

No Dangerous Goods

REGULATORY INFORMATION

DESIGNATION ACCORDING TO EC GUIDELINES:

The product has been classified and labeled in accordance with EC Directives/Ordinance on Hazardous Materials (CHIP)

CODE LETTER AND HAZARD DESIGNATION OF PRODUCT:

Xn Harmful

HAZARD DETERMINING COMPONENTS OF LABELING:

2-Phenoxyethanol

RISK PHRASES:

R22: Harmful if swallowed

R36: Irritating to eyes

SAFETY PHRASES:

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28: After contact with skin, wash immediately with plenty of water

S46: If swallowed, seek medical advice immediately and show this container or label.

S51: Use only in well-ventilated areas.

NATIONAL REGULATIONS

Regulations which may apply in event of accident: None listed

Control of Major Accident Hazards (COMAH): Not listed in COMAH

Water hazard class: WGK 1

MATERIAL SAFETY DATA SHEET

SHAROMIX 824

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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.