

# Material Safety Data Sheet



**PRODUCT NAME: SHAROMIX 721 PLUS**

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SHAROMIX 721 Plus  
DATE: September 6, 2011

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

## COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of Benzyl Alcohol, Dehydroacetic Acid and Water (contains Vitamin E)

DANGEROUS SUBSTANCE	CAS#	RANGE (%)	SYMBOL / R PHRASE
Benzyl Alcohol [EC No. 202-859-9]	100-51-6	85 - 89	Xn R 20/21/22, 36
3-Acetyl-6-methyl-2H-pyran-2,4(3H)-dione [EC No – Not Applicable]	520-45-6	7 – 9	Xn R 22
Water [EC No. 231-791-2]	7732-18-5	5%	

## HAZARDS IDENTIFICATION

HAZARDS DESIGNATION: Xn: Harmful

PARTICULAR DANGERS FOR MAN/ ENVIRONMENT: R20: Harmful by inhalation  
R21: Harmful by skin contact  
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 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:	Wash off immediately with soap and water. Consult a doctor if skin irritation persists.
EYE CONTACT:	Rinse thoroughly with plenty of water and seek medical advice.
INGESTION:	Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.
ADVICE TO DOCTOR/TREATMENT:	Treat symptomatically

### FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Water spray jet, dry powder, carbon dioxide, foam
NON- SUITABLE EXTINGUISHING MEDIA:	Full water jet for safety reasons
SPECIAL EXPOSURE HAZARDS:	Combustible Vapors heavier than air Possibility of formation of expressible mixtures with air Development of hazardous combustion gases or vapors possible in event of fire
SPECIAL PROTECTIVE EQUIPMENT:	Use breathing apparatus Wear full protective suit
ADDITIONAL INFORMATION:	Keep away from sources of ignition. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

### ACCIDENTAL RELEASE MEASURES

PERSONAL SAFETY PRECAUTIONS:	Use breathing apparatus if exposed to vapors/ dust/ aerosol. Ensure adequate ventilation. Keep away sources of ignition.
ENVIRONMENTAL PROTECTION MEASURES:	Do not discharge into the drains/ surface waters/ groundwater.
CLEANING/COLLECTING MEASURES:	Take up with liquid-absorbent material Send in suitable containers for recovery or disposal. Dispose of absorbed material in accordance with the regulations.

### STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions. Avoid overheating.
MATERIALS TO AVOID:	Strong oxidizing agents, alkalis, conc. sulfuric acid.
HAZARDOUS DECOMPOSITION PRODUCTS:	No hazardous decomposition products known.

### HANDLING AND STORAGE

ADVICE ON SAFE HANDLING:	Avoid formation of aerosols. Use solvent-resistant equipment Use only in well-ventilated areas.
FIRE AND EXPLOSION PROTECTION:	Keep away from sources of ignition. Take precautionary measures against static discharges.
STORAGE ROOMS/ VESSELS. REQUIREMENTS:	Keep only in original container. Provide acid-resistant floor.
STORAGE COMPATIBILITY:	Do not store with combustible materials.
ADDITIONAL STORAGE CONDITIONS INFO:	Keep container in a well-ventilated place. Keep away from sources of ignition and heat Keep container tightly closed. Store in a dry place, below 30°C Protect from excessive light and heat.

### PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Slightly viscous liquid
COLOUR:	Colorless
ODOUR:	Odorless
pH-VALUE:	Not applicable
MELTING POINT:	< 0°C
BOILING POINT (Benzyl Alcohol):	205°C
FLASH POINT (Benzyl Alcohol):	101°C
SELF-IGNITION TEMPERATURE:	435°C
LOWER EXPLOSION LIMIT:	1.3 ppm (0.00013 %)
UPPER EXPLOSION LIMIT:	13% volume
COMBUSTIBLE PROPERTIES:	Yes
VAPOUR PRESSURE, 20°C (Benzyl Alcohol):	0.13 mbar
DENSITY (Benzyl Alcohol):	1.045 g/cm <sup>3</sup>
SOLUBILITY IN WATER (Benzyl Alcohol):	40 g/l
VISCOSITY:	Not available

### DISPOSAL CONSIDERATIONS

DISPOSAL/PRODUCT:	For recycling, contact 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 PKG:	Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

### EXPOSURE CONTROLS / PERSONAL PROTECTION

ADDITIONAL DESIGN OF TECHNICAL SYSTEMS INFORMATION:	No further data
RESPIRATORY PROTECTION:	Breathing apparatus in event of aerosol or mist formation. Short term: filter apparatus, Filter P1
HAND PROTECTION:	Protective gloves
EYE PROTECTION:	Protective goggles
SKIN PROTECTION:	Protective clothing
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.

### TOXICOLOGICAL INFORMATION

	<u>DIMENSION</u>	<u>SPECIES</u>	<u>VALUE</u> :
ACUTE ORAL TOXICITY: Benzyl Alcohol	LD50	rat	1230 mg/kg
ACUTE DERMAL TOXICITY:	---		
ACUTE INHALATION TOXICITY:	Mucous irritations		
IRRITANT EFFECT ON SKIN:	Irritant, danger of skin absorption		
IRRITANT EFFECT ON EYE:	Irritant		
SENSITIZATION:	No		
SUBACUTE TOXICITY:	No		
CHRONIC AND TOXICITY:	Damage of heart		
SUBCHRONIC TOXICITY:	---		
MUTAGENICITY:	No		
CARCINOGENICITY:	No		
REPRODUCTION TOXICITY:	No		

### ECOLOGICAL INFORMATION

ELIMINATION INFORMATION (Biodegradability and bioaccumulation potential):	The log $K_{ow}$ values of 1.1 (Benzyl Alcohol)
Degradability according to law of wash and cleansing agent (WRMG):	Not applicable
BEHAVIOR IN ENVIRONMENT COMPARTMENTS (BENZYL ALCOHOL):	
FISH TOXICITY:	Lidus LC50: 646 mg/L
DAPHNIA TOXICITY:	Daphnia magna EC50: 55 mg/L
ALGAE TOXICITY:	Sc.quadricauda EC50: 640mg/L/96h
BACTERIA TOXICITY:	Ps.pudita EC50: 658mg/L
BEHAVIOR IN SEWAGE PLANT:	Not applicable
ADDITIONAL ECOLOGICAL INFORMATION:	
Chemical oxygen demand (COD)	
Biochemical oxygen demand (BOD5)	
AOX-indication:	The product does not contain substances, which can influence the AOX of waste water.
HEAVY METALS/ COMPOUNDS CONTAINED PER EC GUIDELINE NO. 76/464 EC:	Due to its formulation, the product does not contain heavy metals.
FURTHER INFORMATION:	Do not allow entering waters, waste water or soil.

### TRANSPORTATION INFORMATION

LAND TRANSPORT ADR/RID (cross-border domestic):

Class/Division/Group:	No dangerous good
UN-No.:	---
Description	---

INLAND WATERWAYS TRANSPORT/REMARKS

MARINE TRANSPORT/IMDG-CODE

Class:	No dangerous good
UN-No.:	---
Packing Group	---
EmS Number:	---
MFAG:	---
Marine Pollutant:	---
Proper shipping name	---

AIR TRANSPORT/ICAO AND IATA-DGR

Class:	No dangerous good
UN-/ID No.:	---
Packing group	---
Proper shipping name	---

### REGULATORY INFORMATION

CLASSIFIED& LABELED IN ACCORDANCE WITH EC DIRECTIVES/ORDINANCE ON HAZARDOUS MATERIALS (CHIP):

CODE LETTER/HAZARD DESIGNATION: Xn: Harmful

HAZARD DETERMINING COMPONENTS OF LABELING: Benzyl Alcohol

RISK PHRASES: R20: Harmful by inhalation  
R21: Harmful in contact with skin  
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.

CONTROL OF MAJOR ACCIDENT HAZARDS (COMAH): Not listed in COMAH

WATER HAZARD CLASS: WGK 1

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