

Material Safety Data Sheet



PRODUCT NAME: SHAROMIX DMP II

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SHAROMIX DMP II
DATE: June 9, 2011

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

TELEPHONE: (866) 226 – 3834
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COMPOSITION / INFORMATION ON INGREDIENTS

Solution of Methyl Paraben, Propyl Paraben and Diazolidinyl Urea in Propylene Glycol

<u>DANGEROUS SUBSTANCE</u>	<u>CAS#</u>	<u>RANGE (%)</u>	<u>SYMBOL / R PHRASE</u>	
Propylene Glycol [EC No 200-338-0]	57-55-6	52 – 60	----	
Diazolidinyl Urea [EC No 278-928-2]	78491-02-8	27 – 33	Xi	R36/37/38
Methyl-4-hydroxybenzoate [EC No 202-785-7]	99-76-3	9.9 – 12.1	----	
Propyl-4-hydroxybenzoate [EC No 202-307-7]	94-13-3	2.7 – 3.3	----	

HAZARDS IDENTIFICATION

HAZARDOUS DESIGNATION: Xi: Irritant

MAN/ENVIRONMENTAL DANGERS: R36: Irritating to eyes.
R37: Irritating to respiratory system
R38: Skin irritation

CLASSIFICATION SYSTEM: 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 & water. Consult a doctor if skin irritation persists.

EYE CONTACT: Rinse thoroughly with plenty of water and seek medical advice

INGESTION: Rinse out mouth, give plenty of water to drink.
Do not induce vomiting
Seek medical advice immediately
Never give anything by mouth to an unconscious person

ADVICE TO DOCTOR/TREATMENT: Treat symptomatically

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: LARGE FIRES: Foam; Alcohol foam
SMALL FIRES: Dry powder; Carbon dioxide

SPECIAL EXPOSURE HAZARDS: Risk of formation of toxic pyrolysis products

SPECIAL PROTECTIVE EQUIPMENT: Self-contained breathing apparatus; wear full protective suit

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

ACCIDENTAL RELEASE MEASURES

PERSONAL SAFETY PRECAUTIONS: Avoid contact with eyes and skin.
Wash thoroughly after handling.
Avoid breathing mist.
Use with adequate ventilation for misting operations.
Keep container closed when not in use.
Store at room temperature.

ENVIRONMENTAL PRECAUTIONS: Spillage or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

METHODS FOR CLEAN-UP: Absorb spillage onto sand, earth or any suitable adsorbent material.
Transfer to a container for disposal.
Clean the spillage area

HANDLING AND STORAGE

SAFE HANDLING: Avoid contact with skin and eyes.
Storage rooms: Keep container tightly closed.

UNSUITABLE MATERIALS: Mild steel, copper, aluminum, zinc.

FIRE/EXPLOSION PROTECTION: Keep away from sources of ignition.

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

STORAGE COMPATIBILITY: Do not store with strong acids

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

EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Breathing apparatus in event of aerosol or mist formation
Short Term: Filter apparatus
Wear suitable respiratory protective equipment

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
Wear suitable respiratory protective equipment

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

PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Pale Yellow
ODOR: Mild characteristic odor
pH VALUE: ca. 9.5 – 10.5 in saturated solution
MELTING POINT: Not available
BOILING POINT: 187.2°C
FLASH POINT: 93.33°C (TCC)
FLAMMABILITY LIMITS: 2.6% - 12.5%
SELF-IGNITION TEMP: Not available
LOWER EXPLOSION LIMITS: Not available
UPPER EXPLOSION LIMITS: Not available
COMBUSTIBLE PROPERTIES: No
VAPOR PRESSURE @ 20°C: 0.22 mm Hg
SOLUBILITY IN WATER: Moderately Soluble
VISCOSITY: Not available
SPECIFIC GRAVITY, 20°C: 1.129 – 1.150

STABILITY AND REACTIVITY

HAZARDOUS REACTIONS: Product is stable under normal conditions

INCOMPATIBLE MATERIALS: Unknown

HAZARDOUS DECOMPOSITION: Unknown

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

	<u>DIMENSION</u>	<u>SPECIES</u>	<u>VALUE</u>
ORAL	LD50	rat	> 2000 mg/kg
DERMAL :	LD50	rabbit	> 2000 mg/kg
INHALATION :	None	-----	-----

IRRITATION EFFECTS

SKIN:	Rabbit: moderately irritating	1.0% aqueous solution:	nonirritating
EYES:	Rabbit: severely irritating	30% in Propylene Glycol:	nonirritating.
		1.0% aqueous solution:	nonirritating.

SENSITIZATION:

Prolonged or repeated contact may cause sensitization

SUB-ACUTE TOXICITY:

No

CHRONIC TOXICITY:

No

SUBCHRONIC TOXICITY:

No

MUTAGENICITY:

No

CARCINOGENICITY:

No

REPRODUCTIVE TOXICITY:

No

DISPOSAL CONSIDERATIONS

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

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

EUROPEAN WASTE CATALOGUE:

07 00 00:	Wastes from organic chemical processes
07 06 00:	Wastes from MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99:	Wastes not otherwise specified

ECOLOGICAL INFORMATION

ELIMINATION (BIODEGRADABILITY/BIOACCUMULATION POTENTIAL):

Low potential to bio-accumulate due to log K_{ow} of the components.
The product is not expected to bio-concentrate in aquatic organisms.

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

BEHAVIOR IN ENVIRONMENT SYSTEMS
ECOTOXICOLOGICAL EFFECTS:

ADDITIONAL ECOLOGICAL INFORMATION:

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

EC GUIDELINE No. 76/464 EC HEAVY METALS/: Due to its formulation, the product does not contain heavy metals.

TRANSPORT INFORMATION

LAND TRANSPORT ADR/RID:

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	---
Label:	---
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

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

CODE LETTER/HAZARD DESIGNATION: Xi Irritant

HAZARD DETERMINING LABELING COMPONENTS: Diazolidinyl Urea

RISK PHRASES: R36: Irritating to Eyes
R37: Irritating to respiratory system
R38: Irritating to Skin

SAFETY PHRASES: S26: Eye contact, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

DESIGNATION /CONCENTRATION OF BIOCIDAL INGREDIENTS ACCORDING TO EC DIRECTIVE 98/8/EC:

Propylene Glycol	(EC No. 200-338-0)	600.0 g/kg
Diazolidinyl Urea	(EC No. 278-928-2)	200.0 g/kg
Methyl-4-hydroxybenzoate	(EC No. 202-785-7)	100.0 g/kg
Propyl-4-hydroxybenzoate	(EC No. 202-307-7)	100.0 g/kg

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

WATER HAZARD CLASS: WGK 1

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.