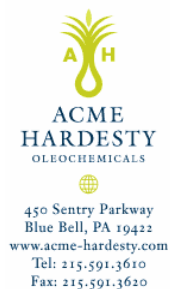


Material Safety Data Sheet



PRODUCT NAME: SHAROMIX 431

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SHAROMIX 431
DATE: July 26, 2007
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

<u>DANGEROUS SUBSTANCE</u>	<u>CAS#</u>	<u>RANGE (%)</u>	<u>SYMBOL / R PHRASE</u>
Methyl-4-hydroxybenzoate [EC No 202-785-7]	99-76-3	58 %	----
Ethyl-4-hydroxybenzoate [EC No 204-399-4]	120-47-8	14 %	----
Propyl-4-hydroxybenzoate [EC No 202-307-7]	94-13-3	7 %	----
Butyl-4-hydroxybenzoate (EC No. 202-318-7)	94-26-8	14 %	----
Isobutyl-4-hydroxybenzoate (EC No. 224-208-8)	4247-02-3	7 %	----

HAZARDS IDENTIFICATION

MAN/ENVIRONMENT PARTICULAR DANGERS: No particular hazards known

STABILITY AND REACTIVITY

STABILITY: Stable.

MATERIALS TO AVOID: Strong oxidizing agents, alkalis

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products known.

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: Risk of formation of toxic pyrolysis products

SPECIAL PROTECTIVE EQUIPMENT: Breathing apparatus

ADDITIONAL INFORMATION: Not applicable

PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Crystalline
COLOR:	White
ODOR:	Odorless
pH VALUE:	ca. 3.0 – 4.5 in saturated solution
MELTING POINT:	ca. 60°C
BOILING POINT:	Not available
FLASH POINT:	Not applicable
FLAMMABILITY (°C):	Not applicable
SELF-IGNITION TEMP:	Not applicable
LEL:	Not available
UEL:	Not available
COMBUSTIBLE PROPERTIES	No
VAPOR PRESSURE, (20°C):	Not applicable
DENSITY:	Not applicable
SOLUBILITY IN WATER	Slightly Soluble
VISCOSITY:	Not applicable

FIRST AID MEASURES

GENERAL INFORMATION:	Not applicable.
INHALATION:	Ensure supply of fresh air. In the event of symptoms refer for medical treatment
SKIN CONTACT:	Wash off immediately with soap & water.
EYE CONTACT:	Rinse thoroughly with plenty of water and seek medical advice.
INGESTION:	Rinse out mouth and give plenty of water to drink and seek medical advice immediately.
ADVICE TO DOCTOR/TREATMENT:	Treat symptomatically

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Ensure adequate ventilation
ENVIRONMENTAL PRECAUTIONS:	Do not discharge into the drains/surface waters/groundwater.
METHODS FOR CLEAN-UP:	Take up with liquid-absorbent material. Dispose of absorbed material in accordance with the regulations.

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: Not listed
⁴ DISPOSAL/CONTAMINATED PKG:	Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse
EUROPEAN WASTE CATALOGUE:	Not listed

HANDLING AND STORAGE

SAFE HANDLING:	Use only in well-ventilated areas
STORAGE ROOM/VESSELS:	Keep only in original container. Provide acid-resistant floor
STORAGE COMPATIBILITY:	Not applicable.
FURTHER INFORMATION:	Keep container in well-ventilated place; keep container tightly closed; store in a dry place

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS SUBSTANCE	CAS#	VALUE
Methyl-4-hydroxybenzoate	99-76-3	MAK: 6mg/m ³ F 1995
Ethyl-4-hydroxybenzoate	120-47-8	MAK: 6mg/m ³ F 1995
Propyl-4-hydroxybenzoate	94-13-3	MAK: 6mg/m ³ F 1995
Butyl-4-hydroxybenzoate	94-26-8	MAK: 6mg/m ³ F 1995
Isobutyl-4-hydroxybenzoate	4247-02-3	MAK: 6mg/m ³ F 1995

RESPIRATORY PROTECTION: Breathing apparatus in event of high concentration
Short term: filter apparatus, Filter P1

HAND PROTECTION: Protective gloves

EYE PROTECTION: Protective goggles

SKIN PROTECTION: Not applicable

GENERAL PROTECTIVE MEASURES: Avoid contact with eyes and skin.

HYGIENE MEASURES: Wash hands before breaks and after work. Use barrier skin cream.

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TOXICOLOGICAL INFORMATION

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	Dimension	Species	Value:
ACUTE ORAL TOXICITY	LD50	mouse	---
ACUTE DERMAL TOXICITY:	--		
ACUTE INHALATION TOXICITY:	--		
IRRITANT EFFECT ON SKIN		No significant effects known	
IRRITANT EFFECT ON EYE:		No significant effects known	
SENSITIZATION:	--		
SUB ACUTE TOXICITY:	--		
CHRONIC TOXICITY:		No adverse chronic effects are known, in case of normal use	
SUB CHRONIC TOXICITY:	--		
MUTAGENICITY:	--		
REPRODUCTION TOXICITY:	--		
CARCINOGENICITY:	--		
EXPERIENCE MADE IN PRACTICE:	No		
GENERAL REMARKS:		Not applicable.	

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ECOLOGICAL INFORMATION

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INFORMATION ABOUT ELIMINATION (Biodegradability and bioaccumulation potential):

Low potential to bioaccumulate: The log K_{ow} values 1.96 to 3.57 of parabens included in the product indicate that none ingredient is expected to bioconcentrate in aquatic organisms.

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

BEHAVIOR IN ENVIRONMENT SYSTEMS:
ECOTOXICOLOGICAL EFFECTS: No data

ADDITIONAL ECOLOGICAL INFORMATION:
AOX-INDICATION: Product does not contain substances which influence the AOX of waste water

HEAVY METALS AND COMPOUNDS CONTAINED IN FORMULATION ACCORDING TO GUIDELINE# 76/464 EC:
Due to its formulation, the product does not contain any heavy metals

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TRANSPORT INFORMATION

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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 ---

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 ---

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REGULATORY INFORMATION

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

PRODUCTS CODE LETTER/HAZARD DESIGNATION: None

LABELING: Does not require a hazard warning label, but the normal safety precautions for handling chemicals must be observed.

HAZARD SYMBOLS: R Phrase: None

S Phrases: None

R-PHRASES RELEVANT TO THE PRODUCT'S HAZARDOUS INGREDIENTS:

Risk phrases: None

SPECIAL LABELING FOR CERTAIN PREPARATIONS: ---

NATIONAL REGULATIONS:

REGULATIONS WHICH MAY APPLY IN EVENT OF ACCIDENT: ---

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

WATER HAZARD CLASS: None