

Product: SHAROMIX 705
Company: Sharon Laboratories Ltd.
Date of issue: 22.05.08 Replaces data sheet of:

01. Identification of the substance / preparation and of the company

Trade name: SHAROMIX 705
Company: Sharon Laboratories Ltd.
Industrial Zone Ad-Halom
P.O.Box 832, Ashdod, ISRAEL
Information about the material: QA/QC/ Specifications & Safety Division
Phone: 972-8-8549800
Telefax: 972-8-8679636
Emergency Phone: 972-8-8549800

02. Composition / Information on ingredients

Mixture of Dehydroacetic acid, Benzoic acid, Sorbic acid, in Benzyl alcohol

Dangerous substance	CAS-No.	Content	Symbol / R-phr.
Benzyl alcohol [EC No 202-859-9]	100-51-6	81%	Xn R20/21/22,36
3-Acetyl-6-methyl-2H-pyran-2,4(3H)-dione [EC No – Not Applicable]	520-45-6	9 %	Xn R 22
Benzoic acid [EC No 200-618-2]	65-85-0	6 %	Xn R 22/36
1,3-Pentadiene-1-carboxylic acid; Hexa-2,4-dienoic acid; 2,4-Hexadienoic acid	110-44-1	4%	Xi R 36/37/38

03. Hazards identification**Hazards designation**

Xn Harmful

Information pertaining to particular dangers for man and environment

R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36: Irritating to eyes.

R37: Irritating to respiratory system

R38: Irritating to skin

Classification system

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

04. First aid measures**First aid measures / general information**

Remove contaminated soaked clothing immediately and dispose of safely.

First aid measures / inhalation

Ensure supply of fresh air.

In the event of symptoms refer for medical treatment.

First aid measures / skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

Product: SHAROMIX 705

Company: Sharon Laboratories Ltd.

Date of issue: 22.05.08

Replaces data sheet of:

First aid measures / eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

First aid measures / ingestion

Rinse out mouth and give plenty of water to drink.

Seek medical advice immediately.

Advice to doctor / symptoms**Advice to doctor / hazards****Advice to doctor / treatment**

Treat symptomatically.

05. 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 preparation itself, combustion products

Combustible. Vapours heavier than air. Possibility of formation of expressible mixtures with air. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for firefighters

Use breathing apparatus.

Wear full protective suit.

Additional information's

Keep away from sources of ignition.

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

06. Accidental release measures**Personal safety precautions**

Use breathing apparatus if exposed to vapours/dust/aerosol.

Ensure adequate ventilation.

Keep away sources of ignition.

Measures for environmental protection:

Do not discharge into the drains/surface waters/groundwater.

Measures for cleaning/collecting:

Take up with liquid-absorbent material.

Send in suitable containers for recovery or disposal.

Dispose of absorbed material in accordance with the regulations.

Product: SHAROMIX 705

Company: Sharon Laboratories Ltd.

Date of issue: 22.05.08

Replaces data sheet of:

07. Handling and storage

Advice on safe handling

Avoid formation of aerosols.

Use solvent-resistant equipment

Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from sources of ignition.

Take precautionary measures against static discharges.

Requirements for storage rooms and vessels.

Keep only in original container.

Provide acid resistant floor.

Advice on storage compatibility

Do not store with combustible materials.

Further information on storage conditions

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

08. Exposure controls and personal protection

Additional information about design of technical systems: No further data; see item 7.

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/vapours/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.

Product:	SHAROMIX 705	
Company:	Sharon Laboratories Ltd.	
Date of issue:	22.05.08	Replaces data sheet of:

09. Physical and chemical properties

Form	Slightly viscous liquid
Color	Colorless
Odor	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
Upper explosion limit	13 % vol
Combustible properties	Yes
Vapor pressure, 20°C (Benzyl alcohol)	0.13 mbar
Density (Benzyl alcohol)	1.045 g/cm ³
Solubility in water (Benzyl alcohol)	40 g/l
Viscosity	Not available

10. 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.

11. Toxicological information

Acute oral toxicity	Dimension	Species	Value:
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 toxicity	Damage of heart		
Subchronic toxicity			
Mutagenicity	No		
Carcinogenicity	No		
Reproduction toxicity	No		

Product: SHAROMIX 705

Company: Sharon Laboratories Ltd.

Date of issue: 22.05.08

Replaces data sheet of:

12. Ecological information

Information about elimination (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.

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.

General information

Do not allow entering waters, waste water or soil.

13. 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 packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Product: SHAROMIX 705

Company: Sharon Laboratories Ltd.

Date of issue: 22.05.08

Replaces data sheet of:

14. 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-Nr.:****Packing group****EmS:****MFAG:****Marine pollutant:****Proper shipping name****Air transport / ICAO / IATA-DGR****Class:** No dangerous good**UN- / ID-Nr.:****Packing group****Proper shipping name****15. 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:

Benzyl Alcohol

Risk phrases:

R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36: Irritating to eyes.

R37: Irritating to respiratory system

R38: Irritating to skin

Safety phrases:

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

Product: SHAROMIX 705

Company: Sharon Laboratories Ltd.

Date of issue: 22.05.08

Replaces data sheet of:

National regulations**Regulations which may apply in event of accident:****Control of Major Accident Hazards (COMAH):**

Not listed in COMAH

Water hazard class: WGK 1.**16. Other information**

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Sharon Laboratories Ltd.**P.O.Box 832, Ashdod 77106 ISRAEL****Tel: ++972-8-8549800, Fax: ++972-8-8679636**