

# SHAROMIX 705

## FICHA DE SEGURIDAD

### SECCIÓN 1: IDENTIFICACIÓN DE LA SUSTANCIA O LA MEZCLA Y DE LA SOCIEDAD O EMPRESA

- 1.1 Identificador del producto: Sharomix 705  
02896
- 1.2 Usos pertinentes identificados de la sustancia o de la mezcla y usos desaconsejados:  
Usos del producto: Cosmetics, personal care products  
Usos aconsejados contra: No para uso personal
- 1.3 Datos del proveedor de la ficha de datos de seguridad:  
Gran Velada.S.L  
Pol. Montecillo, Nave 3D, 50520 Magallón (Zaragoza) ESPAÑA Telf. +34 976 86 74 74  
contacto@granvelada.com
- 1.4 Teléfono de emergencia: Servicio de Información Toxicológica: 91 562 04 20

### SECCIÓN 2: IDENTIFICACIÓN DE LOS PELIGROS \*\*

- 2.1 Clasificación de la sustancia o de la mezcla:  
Product definition : Mixture  
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]  
Acute Tox. 4, H302  
Acute Tox. 4, H332  
Skin Irrit. 2, H315  
Eye Dam. 1, H318  
STOT RE 2, H373  
The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended  
See Section 16 for the full text of the H statements declared above.  
See Section 11 for more detailed information on health effects and symptoms

- 2.2 Elementos de la etiqueta:  
Etiquetado conforme al Reglamento (CE) No 1272/2008:  
Pictogramas:



Palabra de advertencia:  
**Danger**

Hazard statements :  
H302 + H332 - Harmful if swallowed or if inhaled.  
H318 - Causes serious eye damage.  
H315 - Causes skin irritation.  
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention :  
P280 - Wear protective gloves. Wear eye or face protection.  
P260 - Do not breathe vapour.

Response :

P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or physician.

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Storage : Not applicable.

Disposal : Not applicable.

Hazardous ingredients: benzyl alcohol, benzoic acid

Supplemental label elements: Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

- 2.3 Otros peligros:  
None known

### SECCIÓN 3: COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES \*\*

3.1 Sustancias:

3.2 Mezclas:

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
benzyl alcohol	REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5	79.3 - 82.7	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319	[1]
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	EC: 208-293-9 CAS: 520-45-6 Index: 607-163-00-2	8.3 - 9.7	Acute Tox. 4, H302	[1]
benzoic acid	REACH #: 01-2119455536-33 EC: 200-618-2 CAS: 65-85-0 Index: 607-705-00-8	5.4 - 6.6	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 1, H372 (lungs) (inhalation)	[1]
hexa-2,4-dienoic acid	EC: 203-768-7 CAS: 110-44-1	3.6 - 4.4	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 <b>See Section 16 for the full text of the H statements declared above.</b>	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

- [1] Substance classified with a health or environmental hazard  
 [2] Substance with a workplace exposure limit  
 [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII  
 [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII  
 [5] Substance of equivalent concern  
 [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

### SECCIÓN 4: PRIMEROS AUXILIOS

4.1 Descripción de los primeros auxilios

**Eye contact:** Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.

Chemical burns must be treated promptly by a physician.

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**Inhalation:** Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact:** Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion:** Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

#### 4.2 Principales síntomas y efectos, agudos y retardados

##### Potential acute health effects

**Eye contact:** Causes serious eye damage.

**Inhalation:** Harmful if inhaled.

**Skin contact:** Causes skin irritation

**Ingestion:** Harmful if swallowed.

##### Over-exposure signs/symptoms

**Eye contact:** Adverse symptoms may include the following: pain, watering, redness

**Inhalation:** No specific data.

**Skin contact:** Adverse symptoms may include the following: pain or irritation, redness, blistering may occur

**Ingestion:** Adverse symptoms may include the following: stomach pains

#### 4.3 Indicación de toda atención médica y de los tratamientos especiales que deban dispensarse inmediatamente

**Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments:** No specific treatment.

## SECCIÓN 5: MEDIDAS DE LUCHA CONTRA INCENDIOS

#### 5.1 Medios de extinción

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray (fog). Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media:** Do not use water jet

#### 5.2 Peligros específicos derivados de la sustancia o la mezcla

**Hazards from the substance or mixture:** In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous combustion products:** Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

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### 5.3 Recomendaciones para el personal de lucha contra incendios

**Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training

**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECCIÓN 6: MEDIDAS EN CASO DE VERTIDO ACCIDENTAL

### 6.1 Precauciones personales, equipo de protección y procedimientos de emergencia

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders :** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Precauciones relativas al medio ambiente

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Métodos y material de contención y de limpieza

**Small spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill :** Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product

### 6.4 Referencia a otras secciones

See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECCIÓN 7: . MANIPULACIÓN Y ALMACENAMIENTO

### 7.1 Precauciones para una manipulación segura

**Protective measures:** Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

### 7.2 Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Usos específicos finales

Section 7. Handling and storage: The information in this section contains generic advice and guidance

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## SECCIÓN 8: CONTROLES DE EXPOSICIÓN / PROTECCIÓN INDIVIDUAL

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Parámetros de control

**Occupational exposure limits:** No exposure limit value known.

**Recommended monitoring procedures:** If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs:** No DNELs/DMELs available.

**PNECs:** No PNECs available

### 8.2 Controles de la exposición

**Appropriate engineering controls:** PUse only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Individual protection measures

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

#### Skin protection

**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated

**Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Recommended: Combination filtering device (DIN EN 14387), Filter type: A-P2.

**Environmental exposure controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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## SECCIÓN 9: PROPIEDADES FÍSICAS Y QUÍMICAS

### 9.1 Información sobre propiedades físicas y químicas básicas

#### Appearance

Physical state: Liquid  
Colour: Clear. Yellow.  
Odour: Characteristic  
Odour threshold: Not available  
pH: Not available  
Melting point/freezing point: Not available  
Initial boiling point and boiling range: Not available  
Flash point : Not available  
Evaporation rate: Not available  
Flammability (solid, gas): Not available  
Upper/lower flammability or explosive limits: Not available  
Vapour pressure: Not available  
Vapour density: Not available  
Relative density: Not available  
Solubility(ies): Not available  
Solubility in water: Not available  
Partition coefficient: n-octanol/water: Not available  
Auto-ignition temperature: Not available  
Decomposition temperature: Not available  
Viscosity: Not available  
Explosive properties: Not available  
Oxidising properties: Not available

### 9.2 Información adicional

## SECCIÓN 10: ESTABILIDAD Y REACTIVIDAD

### 10.1 Reactividad

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.2 Estabilidad química

The product is stable.

### 10.3 Posibilidad de reacciones peligrosas

Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4 Condiciones que deben evitarse

Due to gaseous decomposition products, overpressure can occur in tightly sealed containers. Keep away from heat, sparks and flame.

### 10.5 Materiales incompatibles

Reactive or incompatible with the following materials: Oxidizing materials, alkalis, acids.

### 10.6 Productos de descomposición peligrosos

Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

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**SECCIÓN 11: INFORMACIÓN TOXICOLÓGICA**

11.1. Información sobre las clases de peligro definidas en el Reglamento (CE) nº 1272/2008.

**Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure	Remarks
<input checked="" type="checkbox"/> Benzyl alcohol	LC50 Inhalation Dusts and mists	Rat	>4178 mg/m <sup>3</sup>	4 hours	-
	LD50 Oral	Rat - Male	1620 mg/kg	-	-
<input type="checkbox"/> 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	LD50 Dermal	Rabbit	>3000 mg/kg	-	-
	LD50 Oral	Rat	500 mg/kg	-	-
<input type="checkbox"/> benzoic acid	LC50 Inhalation Dusts and mists	Rat	>12.2 mg/l	4 hours	Mortality: None.
	LD50 Dermal	Rabbit	>2000 mg/kg	-	Mortality: None.
	LD50 Oral [OECD 401]	Mouse - Male, Female	2250 mg/kg	-	-
	LD50 Oral [OECD 401]	Rat - Male, Female	2565 mg/kg	-	-
<input type="checkbox"/> hexa-2,4-dienoic acid	LD50 Dermal [OECD 402]	Rat - Male, Female	>2000 mg/kg	-	-
	LD50 Oral	Rat - Male, Female	10500 mg/kg	-	-

Conclusion/Summary : Harmful if swallowed or if inhaled.

**Acute toxicity estimates**

Route	ATE value
<input checked="" type="checkbox"/> Oral	1467.7 mg/kg
<input type="checkbox"/> Inhalation (vapours)	13.75 mg/l

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Product/ingredient name	Result	Species	Score	Exposure	Observation	Remarks
benzyl alcohol	Eyes - Mild irritant [OECD 405 ]	Rabbit	-	-	-	-
	Skin - Non-irritating to the skin. [OECD 404]	Rabbit	-	-	-	-
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	Skin - Non-irritating to the skin. [OECD 404]	Rabbit	-	3 hours	48 hours	-
	Eyes - Non-irritating to the eyes. [OECD 438]	Mammal - species unspecified	-	0.17 minutes	240 minutes	-
benzoic acid	Skin - Moderate irritant	Human	-	-	-	-
	Eyes - Severe irritant	Rabbit	-	-	-	-
hexa-2,4-dienoic acid	Skin - Non-irritating to the skin. [OECD 404]	Rabbit	0	-	-	-
	Eyes - Irritant [OECD 405]	Rabbit	-	24 hours	14 days	-
	Skin - Severe irritant	Man	-	1 hours 150 milligrams	-	-
	Skin - Severe irritant	Rabbit	-	1 milligrams	-	-

Conclusion/Summary :

Skin : Causes skin irritation.  
 Eyes : Causes serious eye damage.

#### Sensitisation

Product/ingredient name	Route of exposure	Species	Result	Remarks
benzyl alcohol	skin	Guinea pig	Not sensitizing	-
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	skin	Mouse	Not sensitizing [OECD 429]	-
benzoic acid	skin	Mouse	Not sensitizing	-
hexa-2,4-dienoic acid	skin	Guinea pig	Not sensitizing	-

Conclusion/Summary

Skin : Based on available data, the classification criteria are not met.

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**Mutagenicity**

Product/ingredient name	Test	Experiment	Result	Remarks
benzyl alcohol	OECD 476	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic	Positive	-
	OECD 474	Experiment: In vivo Subject: Mammalian-Animal	Negative	-
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	-	Experiment: In vitro Subject: Bacteria	Negative	-
	OECD 490	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic	Negative	-
	OECD 473	Experiment: In vitro Subject: Mammalian-Human Cell: Somatic	Negative	-
benzoic acid	-	Experiment: In vivo Subject: Mammalian-Animal Cell: Somatic	Negative	test substance: CAS no. 4418-26-2. (read-across)
	OECD 471	Experiment: In vitro Subject: Bacteria	Negative	-
	OECD 487	Experiment: In vitro Subject: Mammalian-Animal Cell: Somatic	Negative	-
hexa-2,4-dienoic acid	OECD 475	Experiment: In vivo Subject: Mammalian-Animal Cell: Somatic	Negative	test substance: CAS no. 532-32-1. (read-across)
	-	Experiment: In vitro Subject: Mammalian-Human Cell: Somatic	Negative	-
	OECD 474	Experiment: In vivo Subject: Mammalian-	Negative	-
		Animal Cell: Somatic		

Conclusion/Summary: Based on available data, the classification criteria are not met.

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**Carcinogenicity**

Product/ingredient name	Result	Species	Dose	Exposure	Remarks
benzoic acid	Negative - Oral - TC	Rat - Male, Female	>1000 mg/kg NOAEL	24 months; 7 days per week	test substance: CAS no. 532-32-1. (read-across)
hexa-2,4-dienoic acid	Negative - Oral - TC	Rat - Male, Female	750 mg/kg NOAEL	2 years	-

Conclusion/Summary: Not available

**Reproductive toxicity**

Product/ingredient name	Maternal toxicity	Fertility	Developmental toxin	Species	Dose	Exposure	Remarks
benzyl alcohol	Positive	-	-	Mouse - Female	Oral: 550 to 750 mg/kg	8 days; 7 days per week	
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	Negative	Negative	-	Rat	Oral: 50 mg/kg NOAEL	12 days; 7 days per week	
benzoic acid	Negative	Negative	-	Rat	Oral: 500 mg/kg NOAEL	-	
hexa-2,4-dienoic acid	Negative	Negative	Negative	Rat - Male, Female	Oral: 1000 mg/kg NOAEL	7 days per week	OECD 416

Conclusion/Summary: Based on available data, the classification criteria are not met.

**Teratogenicity**

Product/ingredient name	Result	Species	Dose	Exposure	Remarks
benzyl alcohol	Negative - Oral	Mouse - Female	750 mg/kg	8 days; 7 days per week	-
	Negative - Oral	Mouse - Female	550 mg/kg	8 days; 7 days per week	-
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	Negative - Oral	Mouse - Female	≥100 mg/kg NOAEL	10 days; 7 days per week	-
benzoic acid	Negative - Oral	Rat - Female	>175 mg/kg NOEL	10 days; 7 days per week	test substance: CAS no. 532-32-1. (read-across)
hexa-2,4-dienoic acid	Negative - Oral [OECD 414]	Rabbit - Female	300 mg/kg NOAEL	23 days; 7 days per week	-

Conclusion/Summary: Based on available data, the classification criteria are not met.

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**Specific target organ toxicity (single exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
hexa-2,4-dienoic acid	Category 3	Not applicable.	Respiratory tract irritation

**Specific target organ toxicity (repeated exposure)**

Product/ingredient name	Category	Route of exposure	Target organs
benzoic acid	Category 1	Inhalation	lungs

**Aspiration hazard:**

Not available

Information on likely routes of exposure Not available

**Potential acute health effects:**

Not available

Eye contact: Causes serious eye damage

Inhalation: Harmful if inhaled.

Skin contact: Causes skin irritation.

Ingestion: Harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye contact: Adverse symptoms may include the following: pain, watering, redness

Inhalation: No specific data.

Skin contact: Adverse symptoms may include the following: pain or irritation, redness, blistering may occur

Ingestion: Adverse symptoms may include the following: stomach pains

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Short term exposure

Potential immediate effects: Not available.

Potential delayed effects: Not available.

Long term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

**Potential chronic health effects**

Product/ingredient name	Result	Species	Dose	Exposure	Remarks
benzyl alcohol	Sub-chronic NOAEL Oral	Rat - Male, Female	400 mg/kg	13 weeks; 5 days per week	-
	Sub-chronic NOAEL Oral	Mouse - Male, Female	200 mg/kg	13 weeks; 7 days per week	-
	Sub-acute NOAEL Inhalation Dusts and	Rat - Male, Female	1072 mg/m <sup>3</sup>	4 weeks; 6 hours per	-

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3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione benzoic acid	mists Sub-chronic NOAEL	Rat - Male	100 mg/kg	day 34 days	-
	Oral Chronic NOAEL Oral	Rat - Male, Female	1000 mg/kg	24 months; 7 days per week	-
	Sub-acute NOAEL Dermal	Rabbit - Male, Female	>2500 mg/ kg	3 weeks; 7 days per week	-
hexa-2,4-dienoic acid	Sub-acute NOAEL Inhalation Dusts and mists [OECD 412]	Rat - Male, Female	250 mg/m <sup>3</sup>	4 weeks; 6 hours per day	-
	Sub-chronic NOAEL Oral [OECD 407]	Rat - Male, Female	8600 to 9200 mg/kg	28 days	-

Conclusion/Summary: Based on available data, the classification criteria are not met.

General : May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

#### 11.2. Información relativa a otros peligros.

Not available

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**SECCIÓN 12: . INFORMACIÓN ECOLÓGICA**

## 12.1. Toxicidad

Product/ingredient name	Result	Species	Exposure	Remarks	
benzyl alcohol	Acute EC50 230 mg/l [OECD 202]	Daphnia - Daphnia magna	48 hours	-	
	Acute IC50 700 mg/l [OECD 201]	Algae - Pseudokirchneriella subcapitata	72 hours	-	
	Acute LC50 460 mg/l	Fish - Pimephales promelas	96 hours	-	
	Chronic NOEC 51 mg/l [OECD 211]	Daphnia - Daphnia magna	21 days	-	
	3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	NOEC 38 mg/l Fresh water [OECD 301F]	Micro-organism	14 days	-
		Acute EC50 32.1 mg/l Fresh water [OECD 201]	Algae - Pseudokirchneriella subcapitata	72 hours	-
		Acute EC50 >100 mg/l Fresh water [OECD 202]	Daphnia - Daphnia magna	48 hours	-
benzoic acid	Chronic EC10 23.9 mg/l Fresh water [OECD 201]	Algae - Pseudokirchneriella subcapitata	72 hours	-	
	Acute EC50 >33.1 mg/l	Algae	72 hours	-	
	Acute EC50 >100 mg/l Fresh water	Daphnia	48 hours	-	
hexa-2,4-dienoic acid	Acute LC50 44.6 mg/l	Fish	96 hours	-	
	Chronic EC10 3.4 mg/l	Algae	72 hours	-	
	Chronic NOEC ≥25 mg/l Fresh water	Daphnia	21 days	-	
	Chronic NOEC >120 mg/l	Fish	28 days	-	
	Acute EC50 24.1 mg/l Fresh water [OECD 201]	Algae - Desmodesmus subspicatus	72 hours	-	
	Acute EC50 70 mg/l Fresh water [OECD 202]	Daphnia - Daphnia magna	48 hours	-	
	Acute LC50 75 mg/l Fresh water [OECD 203]	Fish - Oryzias latipes	96 hours	-	
	Chronic NOEC 6.47 mg/l Fresh water [OECD 201]	Algae - Desmodesmus subspicatus	72 hours	-	
Chronic NOEC 50 mg/l Fresh water [OECD 211]	Daphnia - Daphnia magna	21 days	-		

Conclusion/Summary : Based on available data, the classification criteria are not met.

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## 12.2. Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
benzyl alcohol	OECD 301 A	95 to 97 % - Readily - 21 days	-	-
	OECD 302 C	92 to 96 % - Inherent - 14 days	-	-
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	OECD 301 F	70 % - Readily - 28 days	-	-
benzoic acid	OECD 311	≥89.5 % - Readily - 35 days	-	-
hexa-2,4-dienoic acid	OECD 301 D	74.9 % - Readily - 28 days	-	-

Conclusion/Summary : There are no data available on the mixture itself.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
benzyl alcohol	-	-	Readily
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	-	-	Readily
benzoic acid	-	-	Readily
hexa-2,4-dienoic acid	-	-	Readily

## 12.3. Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
benzyl alcohol	1.05	-	low
3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione	0.78	-	low
benzoic acid	1.88	-	low
hexa-2,4-dienoic acid	1.33	-	low

## 12.4. Mobility in soil

Soil/water partition coefficient (KOC): Not available.  
 Mobility: Not available.

## 12.5. Results of PBT and vPvB assessment

SPBT: Not available.  
 vPvB: Not available.

## 12.6. Other adverse effects

No known significant effects or critical hazards

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## SECCIÓN 13: CONSIDERACIONES RELATIVAS A LA ELIMINACIÓN

### 13.1. Métodos para el tratamiento de residuos

#### Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process

Hazardous waste: The classification of the product may meet the criteria for a hazardous waste. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible.

Special precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECCIÓN 14: INFORMACIÓN RELATIVA AL TRANSPORTE

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>14.2 UN proper shipping name</b>	-	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-	-
<b>Label</b>				
<b>14.4 Packing group</b>	-	-	-	-
<b>14.5 Environmental hazards</b>	No.	No.	Marine Pollutant: No	No.

### 14.6. Precauciones particulares para los usuarios

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

### 14.7. Transporte marítimo a granel con arreglo al Anexo II del Convenio Marpol 73/78 y del código IBC

Not available

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## SECCIÓN 15: INFORMACIÓN REGLAMENTARIA

### 15.1. Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla.

#### EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation  
None of the components are listed

Substances of very high concern  
None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles  
Not applicable.

#### Other EU regulations

Ozone depleting substances (1005/2009/EU)  
Not listed.

Prior Informed Consent (PIC) (649/2012/EU)  
Not listed.

Seveso Directive  
This product is not controlled under the Seveso Directive.

#### National regulations

#### International regulations

Chemical Weapon Convention List Schedules I, II & III Chemics  
Not listed.

Montreal Protocol (Annexes A, B, C, E)  
Not listed.

Stockholm Convention on Persistent Organic Pollutants  
Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)  
Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals  
Not listed.

#### Inventory list

Australia inventory (AICS): :All components are listed or exempted.

Canada : All components are listed or exempted.

China : All components are listed or exempted.

Europe: : All components are listed or exempted.

Japan: All components are listed or exempted.

New Zealand: All components are listed or exempted.

Philippines: All components are listed or exempted.

Republic of Korea: All components are listed or exempted.

Taiwan: All components are listed or exempted.

Turkey: All components are listed or exempted.

United States: All components are listed or exempted.

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15.2. Evaluación de la seguridad química

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

## SECCIÓN 16: OTRA INFORMACIÓN

Indicates information that has changed from previously issued version.

### Abbreviations and acronyms :

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 RRN = REACH Registration Number  
 vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Acute Tox. 4, H302	Calculation method
Acute Tox. 4, H332	Calculation method
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
STOT RE 2, H373	Calculation method

### Full text of abbreviated H statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372 (inhalation)	Causes damage to organs through prolonged or repeated exposure if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.

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**Full text of classifications [CLP/GHS]**

<p> <input checked="" type="checkbox"/> Acute Tox. 4, H302            Acute Tox. 4, H332            Eye Dam. 1, H318            Eye Irrit. 2, H319            Skin Irrit. 2, H315            STOT RE 1, H372 (inhalation)             STOT RE 2, H373             STOT SE 3, H335         </p>	<p>           ACUTE TOXICITY (oral) - Category 4            ACUTE TOXICITY (inhalation) - Category 4            SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1            SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2            SKIN CORROSION/IRRITATION - Category 2            SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE (inhalation) - Category 1            SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2            SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3         </p>
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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.