

## SAFETY DATA SHEET GELOSOPHY SOAK OFF STRETCH BASE CRYSTAL

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name:** Gelsosophy soak off stretch base crystal  
**Pages:** 9  
**Use of substance / mixture:** PC39: Cosmetics, personal care products

Details of the supplier of the safety data sheet:

**Company name:** WWBDgroup  
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**Only for the purpose of informing medical personnel in cases of acute intoxications’**

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1. 2.1 Classification of the substance or mixture

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317  
 Repr. 2, H361f (Fertility)  
 The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended  
**Ingredients of unknown toxicity;** Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 75.3%  
**Ingredients of unknown ecotoxicity;** Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 66.7%  
 See Section 16 for the full text of the R phrases or H statements declared above.  
 See Section 11 for more detailed information on health effects and symptoms

#### 2.2 Label elements

<b>Hazard pictograms</b>	
<b>Signal word</b>	Warning
<b>Hazard statements</b>	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. Suspected of damaging fertility
<b>Precautionary statements</b>	
<b>General</b>	
<b>Prevention</b>	Obtain special instructions before use. Wear protective gloves. Wear eye or face protection. Wear protective clothing
<b>Response</b>	IF exposed or concerned: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes
<b>Storage</b>	Store locked up
<b>Disposal</b>	Dispose of contents and container in accordance with all local, regional, national and international regulations

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Mixtures

#### Hazardous ingredients

Chemical identity	CAS#	%	Classification Regulation (EC) No. 1272/2008 [CLP]
HEMA	EC: 212-782-2 CAS: 868-77-9 Index: 607-124-00-X	10 – 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Isobornyl methacrylate	EC: 231-403-1 CAS: 7534-94-3	<10	Aquatic Chronic 4, H413
Trimethylbenzoyl diphenylphosphine oxide	EC: 278-355-8 CAS: 75980-60-8 Index: 015-203-00-X	<5	Repr. 2, H361f (Fertility, causing atrophy of the testes)
Glycol HEMA- methacrylate	EC: 202-617-2 CAS: 97-90-5 Index: 607-114-00-5	<3	Skin Sens. 1, H317 STOT SE 3, H335

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

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 or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [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

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

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Eye contact</b>	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. Get medical attention
<b>Skin contact</b>	Wash with plenty of soap and 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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Get medical attention. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours
<b>Ingestion</b>	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. Get medical attention. 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
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training. 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 Most important symptoms and effects, both acute and delayed

<b>Eye contact</b>	Causes serious eye irritation
<b>Inhalation</b>	No known significant effects or critical hazards
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction
<b>Ingestion</b>	No known significant effects or critical hazards
<b>Delayed / immediate effects</b>	Immediate effects can be expected after short-term exposure.
<b>Over-exposure signs/symptoms</b>	
<b>Eye contact</b>	Adverse symptoms may include the following: pain or irritation watering redness

#### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Notes to physician</b>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours
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### SECTION 5. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	Use an extinguishing agent suitable for the surrounding fire
<b>5.2. Special hazards arising from the substance or mixture</b>	
<b>Hazards from the substance or mixture</b>	In a fire or if heated, a pressure increase will occur and the container may burst
<b>Hazardous thermal decomposition products</b>	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
<b>5.3 Advice for firefighters</b>	
<b>Special protective actions for fire-fighters</b>	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
<b>Special protective equipment for fire-fighters</b>	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.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

**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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders;** If specialized 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."

<b>6.2 Environmental precautions</b>	Avoid dispersal of spilled 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).
<b>6.3 Methods and material for containment and cleaning up</b>	
<b>Small spill</b>	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if



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	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
<b>Large spill</b>	Stop leak if without risk. Move containers from spill area. Approach 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 spilled product
<b>6.4 Reference to other sections</b>	
	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

## SECTION 7. HANDLING AND STORAGE

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1. Precautions for safe handling

<b>Protective measures</b>	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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
<b>Advice on general occupational hygiene</b>	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
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
<b>Storage conditions</b>	Shield UV light sources. 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 unlabeled containers. Use appropriate containment to avoid environmental contamination

### 7.3. Specific end use(s)

<b>Specific end use(s):</b>	PC39: Cosmetics, personal care products
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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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 or exposure or environmental releases

### 8.1. Engineering Controls

<b>Occupational exposure limits</b>	No data available.
<b>Recommended monitoring</b>	If this product contains ingredients with exposure limits, personal, workplace atmosphere or

<b>: procedures</b>	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
<b>DNELs/DMELs</b>	No DNELs/DMELs available

## 8.2. Exposure controls

<b>Engineering measures</b>	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits
<b>Hygiene measures</b>	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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location
<b>Eye/face protection</b>	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
<b>Hand protection</b>	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
<b>Body protection</b>	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
<b>Other skin protection</b>	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
<b>Respiratory protection</b>	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
<b>Environmental exposure Controls</b>	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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	viscous liquid
<b>Form</b>	NDA
<b>Odor</b>	Characteristic acrylate odor
<b>Boiling Point/Freezing Point</b>	
<b>Melting point/range</b>	
<b>Flash point (°F/°C)</b>	



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pH	
Evaporation rate	
Vapour pressure	
Relative density	
Solubility In Water	
Specific Gravity	
Viscosity	Viscous
% Volatile	
Decomposition Temperature	
Ignition	
Octanol/Water Partitioning Coefficient Log Po/w	
Flammable Limit (vol%)	
Auto-ignition Temperature (vol%)	

NDA= No Data Available

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients
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### 10.2. Chemical stability

Chemical stability	Normally Stable.
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### 10.3. Possibility of hazardous reactions

Hazardous reactions	Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerize exothermically. Unintentional contact with them should be avoided
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### 10.4. Conditions to avoid

Conditions to avoid	No specific data
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### 10.5. Incompatible materials

Materials to avoid	No specific data
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced
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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Hazardous ingredients

2-hydroxyethyl methacrylate				
ORAL	RAT	LD50	5050	Mg/kg
Ethylene glycol dimethacrylate				
ORAL	RAT	LD50	3300	Mg/kg
Specific target organ toxicity (single exposure)				
Product/ingredient name	Category	Route of	Target organs	



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Ethylene glycol dimethacrylate	Category 3	<b>exposure</b> Not applicable.	Respiratory tract irritation
<b>Symptoms / routes of exposure</b>			
Not available			
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction		
<b>Eye contact</b>	Adverse symptoms may include the following: pain or irritation watering redness		
<b>Ingestion:</b>	No known significant effects or critical hazards		
<b>Inhalation:</b>	No known significant effects or critical hazards		
<b>Delayed / immediate effects</b>	Not available		
<b>Potential chronic health effects</b>			
<b>General</b>	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels		
<b>Carcinogenicity</b>	No known significant effects or critical hazards		
<b>Mutagenicity</b>	No known significant effects or critical hazards		
<b>Teratogenicity</b>	No known significant effects or critical hazards.		
<b>Developmental effects</b>	No known significant effects or critical hazards		
<b>Fertility effects</b>	Suspected of damaging fertility		

**SECTION 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

**Hazardous ingredients**

Product/ingredient name	Result	Species	Exposure
2-hydroxyethyl methacrylate	Acute LC50 227000 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

**12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
2-hydroxyethyl methacrylate	0.42	-	low
Isobornyl methacrylate	5.09	-	high
TPO	-	53 to 72	low
Ethylene glycol dimethacrylate	1.87	-	low

**12.4 Mobility in soil**

<b>Mobility</b>	Not available
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**12.5. Results of PBT and vPvB assessment**

<b>PBT identification</b>	Not available
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**12.6. Other adverse effects**

<b>Other adverse effects</b>	No known significant effects or critical hazards
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## SECTION 13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1. Waste treatment methods

<b>Disposal operations</b>	The generation of waste should be avoided or minimized 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
<b>Hazardous waste</b>	The classification of the product may meet the criteria for a hazardous waste
<b>Packaging</b>	
<b>Methods of disposal</b>	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible
<b>Special precautions</b>	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

## SECTION 14. TRANSPORT INFORMATION

<b>DOT (49 CFR 172)</b>	Not regulated.
Proper Shipping Name	
Identification #	
Marine Pollutant	
Special Provisions	
<b>Emergency Response Guidebook (ERG)#</b>	
<b>IATA (DGR)</b>	Not regulated.
Proper Shipping Name	
Class or Division	
UN or ID Number	
Packaging instructions	
<b>Emergency Response Guidance (ICAO)#</b>	
<b>IMO (IMDG)</b>	Not regulated.
Proper Shipping Name	
Class or Division	
UN or ID Number	
Special Provisions & Stowage/Segregation	
<b>Emergency Schedule (EmS)#</b>	
<b>Other Information</b>	

## SECTION 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization Annex XIV**  
 None of the components are listed.



**SECTION 16. OTHER INFORMATION**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Abbreviations and acronyms**

- ATE = Acute Toxicity Estimate
- 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 PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration
- 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
Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 2, H361f (Fertility)	Calculation method Calculation method Calculation method Calculation method

**Full text of abbreviated H statements**

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.
- H361f: Suspected of damaging fertility.
- H413 May cause long lasting harmful effects to aquatic life

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

- Aquatic Chronic 4, H413 AQUATIC HAZARD (LONG-TERM) - Category 4
- Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
- Repr. 2, H361f (Fertility) TOXIC TO REPRODUCTION (Fertility) - Category 2
- Repr. 2, H361f (Fertility, causing atrophy of the testes) TOXIC TO REPRODUCTION (Fertility, causing atrophy of the testes) - Category 2
- Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
- Skin Sens. 1, H317 SKIN SENSITIZATION - Category 1
- STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

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