

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

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

**1.1. Product identifier:** Brill Bird Icy Gel

**1.2. Relevant identified uses of the mixture and uses advised against:**

**Builder gel for artificial nails for cosmetic use.**

**For professional use only.**

**1.3. Details of the supplier of the safety data sheet:**

Brillbird Europe Ltd.

1066 Budapest, O utca 46.

tel.: 06-30/506-8820

e-mail: [brbirdeurope@gmail.com](mailto:brbirdeurope@gmail.com)

**1.4. Emergency telephone number:**

<b>Country</b>	<b>Name</b>	<b>Phone No.</b>	<b>Availability</b>
<b>Hungary</b>	<b>Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)</b>	<b>+36 80201199</b>	<b>call around the clock</b>
Austria	Vergiftungsinformationszentrale	+43 14064343	call around the clock
Belgium	Antigifzentrum	+32 070245245	call around the clock
Czech Republic	Toxikologického informačního střediska	+420 224919293	call around the clock
Denmark	Giftlinjen	+45 82121212	call around the clock
France	Centre Antipoison et de Toxicovigilance	+ 33 0140054848	call around the clock
Germany	Giftnotruf Berlin Institut für Toxikologie	+49 3019240	call around the clock
Ireland	National Poisons Information Centre	+353 018092566	call around the clock
Italy	S.C. Centro Antiveleni di Milano (CAV)	+39 0266101029	call around the clock
Spain	Instituto Nacional de Toxicología y Ciencias Forenses	+34 915620420	call around the clock
The Netherlands	Vergiftigen	+31 0302748888	call around the clock

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **2. HAZARDS IDENTIFICATION**

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

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Skin Irrit. 2                      H315

Skin Sens. 1                      H317

Eye Irrit. 2                      H319

#### **2.2. Labelling elements:**



GHS07

**Signal words:** Warning!

**Hazard statements**

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

**Precautionary statements**

**Prevention**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.

**Response**

If on skin

P302 + P352: Wash with plenty of soap and water.

If in eyes

P305 + P351 + P338: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

Not applicable.

**Disposal**

P501: Dispose of contents and container in accordance with all local, regional, national and international regulations.

## SAFETY DATA SHEET

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is considered dangerous and contains the following hazardous substances

Chemical name	CAS No.	EU No.	INCI name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard statements	m %
Di-HEMA Trimethylhexyl Dicarbamate	72869-86-4	276-957-5	Di-Hema Trimethylhexyl Dicarbamate	Skin Irrit.2 Skin Sens.1 Eye Irrit.2	H315 H317 H319	50- 75
Bisphenol A epoxy dimethacrylate	-	-	Bisphenol A epoxy dimethacrylate	Skin Irrit.2 Skin Sens.1 Eye Irrit.2	H315 H317 H319	25- 50
Methyl oxo(phenyl)acetate	15206-55-0	239-263-3	Methyl Benzoylformate	Skin Sens. 1	H317	0.1- 1
Diphenyl(2,4,6- trimethylbenzoyl)ph osphine oxide	75980-60-8	278-355-8	Trimethylbenzoyl Diphenylphosphine Oxide	Repr. 2	H361f	0.1- 1

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.

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **4. FIRST AID MEASURE**

#### **4.1. Description of first aid measures**

In case of eye contact	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.
Inhalation	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. Get medical attention. If necessary, call a poison center or physician. 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 skin contact	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.
Ingestion	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. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

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. Most important symptoms and effects, both acute and delayed**

#### **Potential acute health effect**

Eye contact      Causes serious eye irritation

Inhalation      There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Skin contact      Causes skin irritation. May cause an allergic skin reaction.

Ingestion      Irritating to mouth, throat and stomach.

#### **Over exposure signs / symptoms**

Eye contact      Irritation, watering, redness.

Inhalation      There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Skin contact      Redness, irritation.

Ingestion      Irritating to mouth, throat and stomach.

### **4.3. Indication of immediate medical attention and special treatment needed**

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

Specific treatment      No specific treatment.

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **5. FIREFIGHTING MEASURES**

**5.1. Extinguishing media** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

#### **5.2. Specific hazards during fire fighting**

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

Hazardous thermal decomposition products In combustion emits toxic fumes.

#### **5.3. Advice for firefighters**

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.

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **6. ACCIDENTAL RELEASE MEASURE**

#### **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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing 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. also Section 8 for additional information on hygiene measures.

#### **6.2. Environmental precautions**

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. Methods and materials for containment and cleaning up**

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,

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

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. Reference to other sections**

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.

## **7. HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

#### Protective measures

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. 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. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. 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.



## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **7.2. Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers Store in accordance with local regulations. Store in a segregated and approved area. 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. Containers used must be opaque or light fast as material will polymerise under exposure to light. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. 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.

### **7.3. Specific end uses**

Recommendations Not available.

Industrial sector specific solutions Not available.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

### **8.2. Exposure controls**

Appropriate engineering controls Use 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. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive 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

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

	<p>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.</p>
Eye/face protection	<p>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</p>
Hand protection	<p>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.</p>
Body protection	<p>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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.</p>
Other skin protection	<p>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.</p>
Respiratory protection	<p>Use a properly fitted, air-purifying or air-fed respirator</p>

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical state	Liquid. [Viscous liquid.]
Colour	Various.
Odour	Characteristic odour.
Melting/freezing point	Not available
Initial boiling point/range	Not available
Flash Point	> 93 °C
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Highly viscous

#### **9.2. Other information**

No additional information.

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **10. STABILITY AND REACTIVITY**

- 10.1. Reactivity** No specific test data related to reactivity available for this product or its ingredients.
- 10.2. Chemical stability** The product is stable.
- 10.3. Possibility of hazardous reactions** Hazardous reactions will not occur under normal transport or storage conditions.
- 10.4. Conditions to avoid** Direct sunlight. Heat.
- 10.5. Incompatible materials** Strong oxidising agents. Strong acids.
- 10.6. Hazardous decomposition products** In combustion emits toxic fumes.

### **11. TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

<b>Ingredient name</b>	<b>Result</b>	<b>Species</b>	<b>Dose</b>	<b>Exposure</b>
Trimethylbenzoyl Diphenylphosphine Oxide	LD50 Dermal	Rat	> 2000 mg/kg	-
	LD50 Oral	Rat	> 5000 mg/kg	-

#### **11.2. Most important symptoms and effects associated with exposure**

##### **Potential acute health effect**

- Eye contact Causes serious eye irritation
- Inhalation There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Skin contact Causes skin irritation. May cause an allergic skin reaction.
- Ingestion Irritating to mouth, throat and stomach.

##### **Over exposure signs / symptoms**

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

Eye contact	Irritation, watering, redness.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Skin contact	Redness, irritation.
Ingestion	Irritating to mouth, throat and stomach.

### **11.3. Delayed and immediate effects and also 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.

### **11.4. Potential chronic health effects:**

General	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
---------	---

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **12. ECOLOGICAL INFORMATION**

**12.1. Toxicity** Not available.

**12.2. Persistence and degradability** Not available.

**12.3. Bioaccumulative potential** Not available.

#### **12.4. Mobility in soil**

Soil / water partition coefficient (Koc) Not available.

Mobility Not available.

#### **12.5. Results of PBT and vPvB assessment**

PBT Not applicable.

vPvB Not applicable.

**12.6 Other adverse effects:** No known significant effects or critical hazards.

### **13. DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

##### **Product**

Methods of disposal 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.

Hazardous waste The classification of the product may meet the criteria for a hazardous waste.

##### **Packaging**

Methods of disposal The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

Special precautions recycling is not feasible.

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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### **14. TRANSPORT INFORMATION**

This product is not classified as dangerous goods

- 14.1. UN No.** -
- 14.2. Proper shipping name** -
- 14.3. Transport hazard class** -
- 14.4. Packing group** -
- 14.5. Environmental hazards** None
- 14.6. Special precautions** 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. Transport in bulk according to Annex II of Marpol and the IBC Code** Not available.

### **15. REGULATORY INFORMATION**

- 15.1. Other regulation** 1223/2009/EEC: Regulation on cosmetic products
- 15.2. Chemical Safety Assessment** Chemical Safety Assessment was prepared neither for ingredients nor the product itself.

## **SAFETY DATA SHEET**

Preparation date: 10.04.2016.

Revision date: 15.02.2017.

Ver.: 2.0

### **16. OTHER INFORMATION**

Note of supplier of material safety data sheet

**Note: Since the product is marketed as a cosmetic product, thus, it is out of scope of CLP regulation 1272/2008. However, in order to facilitate the chemical risk assessment of work places for professional users, the classification and labelling elements in accordance with CLP are included.**

**The product is labelled in accordance with 1223/2009/EEC. The product is intended only for professional use.**

This MSDS is based on data of the original safety data sheet provided by the manufacturer, using the up-to-date version of regulation 1907/2006. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product, therefore it cannot be used to verify quality compliance. Brillbird Europe Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.