Conforms to USDOL OSHA 29CFR 1910.1200 HAZCOM

# SAFETY DATA SHEET

## 1. Product and company identification

**Product name** : **B I A B  O R I G I N A L**

**Distributed by** : The Gel Bottle

**Emergency telephone number (Medical)** : 03337720965

**Emergency telephone number (Transport)** : 03337720965

**Website:** : https://www.thegelbottle.com/

**Product use** Cosmetic applications.

**This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.**

**This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.**

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses: Consumer use**

## 2. Hazards identification

**Classification of the substance or mixture** : SKIN IRRITATION - Category 2
ACUTE TOXICITY (Oral)- Category 4
EYE IRRITATION - Category 2A

**GHS label elements**

**Hazard pictograms** : Please add Hazard Pictogram GHS07.

**Signal word** : Warning

**Hazard statements** : Causes skin irritation.
Harmful if swallowed.
Causes serious eye irritation.

**Precautionary statements**

**General** : Read carefully and follow all instructions. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Wear protective gloves. Wear eye or face protection. Avoid release to the environment. Avoid breathing vapor. Wash thoroughly after handling.

**Response** : Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Storage** : Not applicable.

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

**Supplemental label elements** : None known.

**Hazards not otherwise classified** : None known.

## 3. Composition/information on ingredients

**Substance/mixture** : Mixture

**There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

| Ingredient's name | % | CAS |
|---|---|---|
| exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate | 10-30 | 5888-33-5 |
| Acrylic Acid | 1-5 | 79-10-7 |

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

## 4. First aid measures

**Description of necessary first aid measures**

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed Potential**

**acute health effects**

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

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : Causes skin irritation.

**Ingestion** : Harmful if swallowed.

**Over-exposure signs/symptoms**

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

**Inhalation** : No specific data.

**Skin contact** : Adverse symptoms may include the following: Irritation redness

**Ingestion** : No specific data.

**Indication of immediate medical attention and special treatment needed, if necessary**

| | |
|---|---|
| **Notes to physician** | : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| **Specific treatments** | : No specific treatment. |
| **Protection of first-aiders** | : No action shall be taken involving any personal risk or without suitable training. |

## 5. Fire-fighting measures

**Extinguishing media**

| | |
|---|---|
| **Suitable extinguishing media** | : Use an extinguishing agent suitable for the surrounding fire. |
| **Unsuitable extinguishing media** | : None known. |
| **Specific hazards arising from the chemical** | : No specific fire or explosion hazard. |
| **Hazardous thermal decomposition products** | : Decomposition products may include the following materials: carbon dioxide<br>carbon monoxide |
| **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. |

## 6. Accidental release measures

**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. 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". |
| **Environmental precautions** | : 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). |

**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. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

## 7. Handling and storage

**Precautions for safe handling**

**Protective measures** : Put on appropriate personal protective equipment (see Section 8).

**Conditions for safe storage, including any incompatibilities** : 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. 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. See Section 10 for incompatible materials before handling or use.

## 8. Exposure controls/personal protection

**Control**

**Occupational exposure limits**

| Ingredient name | Exposure limit values |
|---|---|
| acrylic acid | **ACGIH TLV (United States, 1/2022).**<br>**Absorbed through skin.**<br>TWA: 2 ppm 8 hours.<br>TWA: 5.9 mg/m³ 8 hours.<br>**OSHA PEL 1989 (United States, 3/1989).**<br>**Absorbed through skin.**<br>TWA: 10 ppm 8 hours.<br>TWA: 30 mg/m³ 8 hours.<br>**NIOSH REL (United States, 10/2020).**<br>**Absorbed through skin.**<br>TWA: 2 ppm 10 hours.<br>TWA: 6 mg/m³ 10 hours. |

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**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.

**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: safety glasses with side- shields.

**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.

**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 |

## Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**Appearance**

**Physical state** : Liquid.

**Color** : Transparent.

**Odor** : Not available.

**Odor threshold** : Not available.

**pH** : Not available.

**Melting point/freezing point**

**Boiling point, initial boiling point, and boiling range** : Not available.

**Flash point** : Not available.

**Evaporation rate** : Not available.

**Flammability** : Not available.

**Lower and upper explosion limit/flammability limit** : Not available.

**Specific gravity** : 1 to 2.

**Vapor pressure Relative** : Not available.

**vapor density Relative** : Not available.

**density Solubility(ies)** :

| Media | Result |
|---|---|
| cold water<br>hot water | Easily soluble<br>Easily soluble |

**Solubility in water** : Not available.

**Partition coefficient: n-octanol/water** : Not available.

**Auto-ignition temperature** : Not available.

**Decomposition temperature** : Not available.

**Viscosity** : Not available.

**Particle characteristics**

**Median particle size** : Not applicable.

## 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

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

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### Information on toxicological effects Acute toxicity

| Ingredient's name | Result | Species | Dose | Exposure |
|---|---|---|---|---|
| exo-1,7,7-trimethylbicyclo [2.2.1]hept-2-yl acrylate | LC50 Dermal | Rabbit | 5170 mg/kg | - |
| | | | | - |
| | LD50 Oral | Rat | 4890 mg/Kg | - |
| Acrylic Acid | LD50 Dermal | Rabbit | 640 mg/kg | - |
| | LD50 Oral | Rat | 33500 µg/kg | - |

**Conclusion/Summary** : Available data indicates that this product is harmful if swallowed.

### Irritation/Corrosion

| Ingredient's name | Result | Species | Score | Exposure | Observation |
|---|---|---|---|---|---|
| exo-1,7,7-trimethylbicyclo [2.2.1]hept-2-yl acrylate | Eyes - Moderate irritant | Rabbit | - | 100 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 mg | - |

### Conclusion/Summary

**Skin** : Available data indicates that this product is causes skin irritation.

**Eyes** : Available data indicates that this product is causes serious eye irritation.

**Respiratory** : No known significant effects or critical hazards.

### Sensitization

Not available.

### Conclusion/Summary

**Skin** : No known significant effects or critical hazards.

**Respiratory** : No known significant effects or critical hazards.

### Mutagenicity

Not available.

**Conclusion/Summary** : No known significant effects or critical hazards.

### Carcinogenicity

Not available.

**Conclusion/Summary** : No known significant effects or critical hazards.

### Reproductive toxicity

Not available.

**Conclusion/Summary** : No known significant effects or critical hazards.

### Teratogenicity

Not available.

**Conclusion/Summary** : No known significant effects or critical hazards.

### Specific target organ toxicity (single exposure)

Not available.

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

Not available.

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

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

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : Causes skin irritation.

**Ingestion** : Harmful if swallowed.

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

: No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

**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.

**Potential chronic health effects**

Not available.

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

**General** : No known significant effects or critical hazards. No

**Carcinogenicity** : known significant effects or critical hazards. No

**Mutagenicity** : known significant effects or critical hazards. No

**Reproductive toxicity** : known significant effects or critical hazards.

**Numerical measures of toxicity Acute toxicity estimates**

N/A

## 12. Ecological information

**Toxicity**

| Ingredient's name | Result | Species | Exposure |
|---|---|---|---|
| Acrylic Acid | Chronic NOEC 3.8 mg/l Fresh water | Daphnia - Daphnia magna -Neonate | 21 Days |

Conclusion/Summary: No known significant effects or critical hazards.

**Persistence and degradability**

Not available.

**Bioaccumulative potential.**

| Ingredient's name | $LogP_{ow}$ | BCF | Potential |
|---|---|---|---|
| Acrylic Acid | 0.38 | 3.162 | Low |

**Mobility in soil**

**Soil/water partition coefficient ($K_{OC}$)** : Not available.

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

## 13. Disposal considerations

**Disposal methods** : 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

| | DOT Classification | TDG Classification | IMDG | IATA |
|---|---|---|---|---|
| **UN number** | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| **UN proper shipping name** | - | - | - | - |
| **Transport hazard class(es)** | - | - | - | - |
| **Packing group** | - | - | - | - |
| **Environmental hazards** | No. | No. | No. | No. |

**Special precautions for user** : **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.

**Transport in bulk according to IMO instruments** : Not available.

**15. Regulatory information**

**U.S. Federal regulations** :

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

**SARA 302/304**

**Composition/information on ingredients**

| \ | % | Classification |
|---|---|---|
| exo-1,7,7-trimethylbicyclo[2.2.1] hept-2-yl acrylate<br>Acrylic Acid | 10-30<br><br>1-5 | SKIN IRRITATION - Category 2<br>EYE IRRITATION – Category<br>FLAMMABLE LIQUIDS - Category 3<br>ACUTE TOXICITY (oral) - Category 2<br>ACUTE TOXICITY (dermal) - Category 3<br>SKIN IRRITATION - Category 2<br>EYE IRRITATION - Category 2A |

**SARA 304 RQ** : Not applicable.

**SARA 311/312**

**Classification** : Not applicable.

**Composition/information on ingredients**

Noproducts were found.

**State regulations Massachusetts** : None of the components are listed.

**New York** : None of the components are listed.

**New Jersey** : The following components are listed:

**Pennsylvania** : The following components are listed.

**Label element**

**CPSC**

**Signal Word** : Not applicable

**Hazard Statements** : Not Applicable

**Precautionary Statements** : Keep out of reach of children. Keep container tightly closed and sealed until ready for use.

## 16. Other information

**Hazardous Material Information System (U.S.A.)**

| | | |
|---|---|---|
| **Health** | / | 1 |
| **Flammability** | | 0 |
| **Physical hazards** | | 0 |
| | | |

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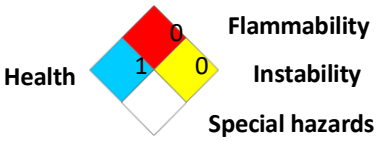
**National Fire Protection Association (U.S.A.)**




NFPA (30B) aerosol Flammability Not applicable

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**Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.**

**Key to abbreviations** : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals 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)
UN = United Nations

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**End of Safety Data Sheet**