

ICE CLUB - S.B. Milkshake Ice - Flavored Concentrated - ICE CLUB - Strawberry Milkshake Ice

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: ICE CLUB - S.B. Milkshake Ice  
Product name: Flavored Concentrated - ICE CLUB - Strawberry Milkshake Ice

Flavored concentrate - Ice Club - Strawberry Milkshake Ice

This security data sheet is valid for the list of commercial names and product codes shown in the following table: list of commercial names and product codes:

Strawberry Milkshake Ice - IC07.S60 - Pla002450

It does not contain nanoform or substances that include nanoform

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Concentrated.

Relevant identified uses: Dilute before use.

Irrelevant identified uses: Not a food. Do not swallow. Do not use as it is. All those not expressly indicated as relevant.

#### 1.3. Details of the supplier of the safety data sheet

Name: L ERBORISTERIA SRL  
Full address: Via Enrico Forlanini 10  
District and Country: 00012 Guidonia Italia (Rm)  
Tel.: +39 3934560139  
e-mail address of the competent person responsible for the Safety Data Sheet: info@latabaccheria.net  
Supplier: Orlando D'Alessandro

#### 1.4. Emergency telephone number

For urgent inquiries refer to: For urgent information contact the Poison Center of Rome +39 06 3054343 (CAV Policlinico Gemelli - Rome)

Telephone numbers of the main Italian Poison Centers (active 24/24 hours)  
Poison Center of Pavia +39 0382 24444 (CAV IRCCS Fondazione Maugeri Pavia)  
Poison Center of Milan +39 02 66101029 (CAV Niguarda Ca' Granda Milano)  
Poison center of Bergamo +39 800 883300 (CAV Ospedali Riuniti - Bergamo)  
Poison center of Florence + 39 055 7947819 (CAV Hospital Careggi - Florence)  
Poison center of Rome +39 06 49978000 (CAV Policlinico Umberto I - Rome)

Marco Maranocav "Osp. Pediatric Child Jesus" Emergency and Acceptance Dearomapiazza Sant'Onofrio, 40016506 68593726

Anna Leporeaz. Osp. Univ. Foggiafoggia.le Luigi Pinto, 171122800183459

Romolo Villaniaz. Osp. "A. Cardarelli" Napolivia A. Cardarelli, 980131081-5453333

M. Caterina Grassicav Polyclinic "Umberto I" Romav.le del Policlinico, 1551610-49978000

Alessandro Barellicav Policlinico "A. Gemelli" Romalargo Agostino Gemelli, 816806-3054343

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Carlo Locatelliv National Center for Toxicological Information Salvatore Salvatore Maugeri, 10271000382-24444

Franca Davanzoosp. Niguarda Ca 'Grandamilapiapiazza Maggiore Hospital, 32016202-661029

BACIS GIUSEPPEAZA CASTICA HOSPITALER PAPE GIOVANNI XXIBERGAMOPAZZAZZA WHO, 124127800883300

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| L ERBORISTERIA SRL   |  | Revision nr.3<br>Dated 18/04/2025<br>Printed on 18/04/2025<br>Page n. 2 / 12<br>Replaced revision:2 (Dated 25/06/2024) | EN  |
| ICE CLUB - S.B. Milkshake Ice - Flavored Concentrated - ICE CLUB - Strawberry Milkshake Ice  |  |  |   |
| SECTION 2. Hazards identification  |  |  |   |
| 2.1. Classification of the substance or mixture  |  |  |   |
| The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878. |  |  |   |
| Hazard classification and indication: --   |  |  |   |
| 2.2. Label elements  |  |  |   |
| Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.  |  |  |   |
| Hazard pictograms: --  |  |  |   |
| Signal words: --   |  |  |   |
| Hazard statements:   |  |  |   |
| EUH210   |  | Safety data sheet available on request.  |   |
| EUH208   |  | Contains: Cinnamato di Metile<br>4-idrossi-2,5-dimetilfuran-2(3H)-one<br>May produce an allergic reaction.             |   |
| Precautionary statements:  |  |  |   |
| P103   |  | Read label before use.   |   |
| P501   |  | Dispose of product / container in accordance with national regulations.  |   |
| P102   |  | Keep out of reach of children.   |   |
| P401   |  | Store between 1°C and 40°C away from sunlight.   |   |
| P301+P312  |  | IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.   |   |
| 2.3. Other hazards   |  |  |   |
| On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.  |  |  |   |
| The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.  |  |  |   |
| SECTION 3. Composition/information on ingredients  |  |  |   |
| 3.1. Substances  |  |  |   |
| Information not relevant   |  |  |   |
| 3.2. Mixtures  |  |  |   |
| Contains:  |  |  |   |
| Identification   |  | x = Conc. %  | Classification (EC) 1272/2008 (CLP)                                       |
| Propylene Glycol USP-EP-E1520  |  |  |   |
| INDEX  |  | 90 ≤ x < 94  |   |
| EC 200-338-0   |  |  |   |
| CAS 57-55-6  |  |  |   |
| REACH Reg. 01-2119456809-23  |  |  |   |
| 2-Isopropyl-N,2,3-trimethylbutyramide  |  |  |   |
| INDEX  |  | 5 ≤ x < 6  | Acute Tox. 4 H302   |
| EC 256-974-4   |  |  | ATE Oral: 500 mg/kg   |
| CAS 51115-67-4   |  |  |   |
| 4-idrossi-2,5-dimetilfuran-2(3H)-one   |  |  |   |
| INDEX  |  | 0,5 ≤ x < 0,6  | Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1 H317 |
| EC 222-908-8   |  |  | ATE Oral: 500 mg/kg   |
| CAS 3658-77-3  |  |  |   |
| EPY 11.8.2 - SDS 1004.14   |  |  |   |

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**SECTION 3. Composition/information on ingredients** ... / >>**Cinnamato di Metile**

INDEX

 $0,1 \leq x < 0,15$ **Skin Sens. 1B H317**

EC

203-093-8

CAS

1754-62-7

**ETHYL METHYL KETONE**

INDEX

606-002-00-3

 $0 < x < 0,05$ **Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066**

EC

201-159-0

CAS

78-93-3

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures****4.1. Description of first aid measures**

No effects requiring implementation of special first aid measures are expected. The following information represents practical indications of correct behaviour in the event of contact with a chemical product, even if not hazardous.

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing.

INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.

INHALATION: Remove victim to fresh air, away from the accident scene. Get medical advice/attention.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

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

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

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

IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

**SECTION 5. Firefighting measures****5.1. Extinguishing media**

## SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

## UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

**5.2. Special hazards arising from the substance or mixture**

## HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

**5.3. Advice for firefighters**

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of

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contaminated water used for extinction and the remains of the fire according to applicable regulations.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

**6.2. Environmental precautions**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

**6.3. Methods and material for containment and cleaning up**

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

**7.3. Specific end use(s)**

Information not available

**SECTION 8. Exposure controls/personal protection****8.1. Control parameters**

Regulatory references:

|     |                |  |
|-----|----------------|--|
| DEU | Deutschland    | Forschungsgemeinschaft MAK- und BAT-Werte-Liste 2022 Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe Mitteilung 58  |
| ESP | España         | Límites de exposición profesional para agentes químicos en España 2023   |
| FRA | France         | Valeurs limites d'exposition professionnelle aux agents chimiques en FranceDécret n° 2021-1849 du 28 décembre 2021   |
| ITA | Italia         | Decreto Legislativo 9 Aprile 2008, n.81  |
| GBR | United Kingdom | EH40/2005 Workplace exposure limits (Fourth Edition 2020)  |
| EU  | OEL EU         | Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC. |
|     | TLV-ACGIH      | ACGIH 2023   |

|  |                      |          |         |            |                    |  |         |          |  |    |
|--|----------------------|----------|---------|------------|--------------------|--|---------|----------|--|----|
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| SECTION 8. Exposure controls/personal protection ... / >>  |                      |          |         |            |                    |  |         |          |  |    |
| Propylene Glycol USP-EP-E1520  |                      |          |         |            |                    |  |         |          |  |    |
| Predicted no-effect concentration - PNEC   |                      |          |         |            |                    |  |         |          |  |    |
| Normal value in fresh water  |                      |          |         | 260        |                    | mg/l   |         |          |  |    |
| Normal value in marine water   |                      |          |         | 26         |                    | mg/l   |         |          |  |    |
| Normal value for fresh water sediment  |                      |          |         | 572        |                    | mg/kg  |         |          |  |    |
| Normal value for marine water sediment   |                      |          |         | 57,2       |                    | mg/kg  |         |          |  |    |
| Normal value for water, intermittent release   |                      |          |         | 183        |                    | mg/l   |         |          |  |    |
| Normal value of STP microorganisms   |                      |          |         | 20000      |                    | mg/l   |         |          |  |    |
| Normal value for the terrestrial compartment   |                      |          |         | 50         |                    | mg/kg  |         |          |  |    |
| Health - Derived no-effect level - DNEL / DMEL   |                      |          |         |            |                    |  |         |          |  |    |
| Route of exposure  | Effects on consumers |          |         |            | Effects on workers |  |         |          |  |    |
|  | Acute                | Acute    | Chronic | Chronic    | Acute local        | Acute  | Chronic | Chronic  |  |    |
|  | local                | systemic | local   | systemic   |                    | systemic   | local   | systemic |  |    |
| Inhalation   |                      |          | 10      | 50         |                    |  | 10      | 168      |  |    |
|  |                      |          | mg/m3   | mg/m3      |                    |  | mg/m3   | mg/m3    |  |    |
| ETHYL METHYL KETONE  |                      |          |         |            |                    |  |         |          |  |    |
| Threshold Limit Value  |                      |          |         |            |                    |  |         |          |  |    |
| Type   | Country              | TWA/8h   |         | STEL/15min |                    | Remarks / Observations   |         |          |  |    |
|  |                      | mg/m3    | ppm     | mg/m3      | ppm                |  |         |          |  |    |
| AGW  | DEU                  | 600      | 200     | 600        | 200                | SKIN   |         |          |  |    |
| MAK  | DEU                  | 600      | 200     | 600        | 200                | SKIN   |         |          |  |    |
| VLA  | ESP                  | 600      | 200     | 900        | 300                |  |         |          |  |    |
| VLEP   | FRA                  | 600      | 200     | 900        | 300                | SKIN   |         |          |  |    |
| VLEP   | ITA                  | 600      | 200     | 900        | 300                |  |         |          |  |    |
| WEL  | GBR                  | 600      | 200     | 899        | 300                | SKIN   |         |          |  |    |
| OEL  | EU                   | 600      | 200     | 900        | 300                |  |         |          |  |    |
| TLV-ACGIH  |                      | 590      | 200     | 885        | 300                |  |         |          |  |    |
| Legend:  |                      |          |         |            |                    |  |         |          |  |    |
| (C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.   |                      |          |         |            |                    |  |         |          |  |    |
| VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard  |                      |          |         |            |                    |  |         |          |  |    |
| ; MED = medium hazard ; HIGH = high hazard.  |                      |          |         |            |                    |  |         |          |  |    |
| 8.2. Exposure controls   |                      |          |         |            |                    |  |         |          |  |    |
| As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.  |                      |          |         |            |                    |  |         |          |  |    |
| HAND PROTECTION  |                      |          |         |            |                    |  |         |          |  |    |
| Protect hands with category III work gloves.   |                      |          |         |            |                    |  |         |          |  |    |
| The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.   |                      |          |         |            |                    |  |         |          |  |    |
| Protect your hands with gloves of the following type:  |                      |          |         |            |                    |  |         |          |  |    |
| Material: Nitrile rubber (NBR)   |                      |          |         |            |                    |  |         |          |  |    |
| The indicated material is a possible choice; other materials can be adequate, depending on the specifications indicated by the manufacturer.   |                      |          |         |            |                    |  |         |          |  |    |
| Thickness: 0,3 mm  |                      |          |         |            |                    |  |         |          |  |    |
| Glove thickness must be selected based on the minimum required breakthrough time.  |                      |          |         |            |                    |  |         |          |  |    |
| Breakthrough time: 30 min  |                      |          |         |            |                    |  |         |          |  |    |
| Glove resistance depends on various elements, such as temperature and other environmental factors.   |                      |          |         |            |                    |  |         |          |  |    |
| SKIN PROTECTION  |                      |          |         |            |                    |  |         |          |  |    |
| Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.  |                      |          |         |            |                    |  |         |          |  |    |
| EYE PROTECTION   |                      |          |         |            |                    |  |         |          |  |    |
| Wear airtight protective goggles (see standard EN ISO 16321).  |                      |          |         |            |                    |  |         |          |  |    |
| RESPIRATORY PROTECTION   |                      |          |         |            |                    |  |         |          |  |    |
| Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).  |                      |          |         |            |                    |  |         |          |  |    |
| If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529. |                      |          |         |            |                    |  |         |          |  |    |
| ENVIRONMENTAL EXPOSURE CONTROLS  |                      |          |         |            |                    |  |         |          |  |    |
| The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.   |                      |          |         |            |                    |  |         |          |  |    |
|  |                      |          |         |            |                    | EPY 11.8.2 - SDS 1004.14   |         |          |  |    |

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**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

| Properties                             | Value                      | Information                             |
|--|----------------------------|---|
| Appearance                             | liquid                     |   |
| Colour                                 | straw-coloured             |   |
| Odour                                  | aromatic                   |   |
| Melting point / freezing point         | -3,2 °C                    | Substance:Propylene Glycol USP-EP-E1520 |
| Initial boiling point                  | not available              | Substance:ETHYL METHYL KETONE           |
|  |                            | Initial boiling point: 79,59 °C         |
| Flammability                           | not flammable              | Substance:Propylene Glycol USP-EP-E1520 |
| Lower explosive limit                  | 2,6 % (p/p)                | Substance:Propylene Glycol USP-EP-E1520 |
| Upper explosive limit                  | 12,5 % (p/p)               |   |
| Flash point                            | not available              | Substance:ETHYL METHYL KETONE           |
|  |                            | Flash point: -9 °C                      |
| Auto-ignition temperature              | not available              |   |
| Decomposition temperature              | not available              |   |
| pH                                     | 7                          |   |
| Kinematic viscosity                    | 43 CST                     |   |
| Solubility                             | partially soluble in water |   |
| Partition coefficient: n-octanol/water | not available              |   |
| Vapour pressure                        | not available              | Substance:Ethyl 2 - methylbutyrate      |
|  |                            | Vapour pressure: 11,73 hPa              |
| Density and/or relative density        | 1,02-1,05                  |   |
| Relative vapour density                | not available              |   |
| Particle characteristics               | not applicable             |   |

**9.2. Other information****9.2.1. Information with regard to physical hazard classes**

Information not available

**9.2.2. Other safety characteristics**

Information not available

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

Propylene Glycol USP-EP-E1520

Hygroscopic.Stable in normal conditions of use and storage.

At high temperatures it tends to oxidate to form propionaldehyde and lactic and acetic acid.

ETHYL METHYL KETONE

Reacts with: light metals,strong oxidants.Attacks various types of plastic materials.Decomposes under the effect of heat.

**10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

Propylene Glycol USP-EP-E1520

Maintaining a temperature of less than 40 °C.

Stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**

No hazardous reactions are foreseeable in normal conditions of use and storage.

Propylene Glycol USP-EP-E1520

May react dangerously with: acid chlorides,acid anhydrides,oxidising agents.

ETHYL METHYL KETONE

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| May form peroxides with: air,light,strong oxidising agents.Risk of explosion on contact with: hydrogen peroxide,nitric acid,sulphuric acid.May react dangerously with: oxidising agents,trichloromethane,alkalis.Forms explosive mixtures with: air.   |  |  |    |
| 10.4. Conditions to avoid  |  |  |    |
| None in particular. However the usual precautions used for chemical products should be respected.  |  |  |    |
| ETHYL METHYL KETONE<br>Avoid exposure to: sources of heat.   |  |  |    |
| 10.5. Incompatible materials   |  |  |    |
| ETHYL METHYL KETONE<br>Incompatible with: strong oxidants,inorganic acids,ammonia,copper,chloroform.   |  |  |    |
| 10.6. Hazardous decomposition products   |  |  |    |
| Propylene Glycol USP-EP-E1520<br>May develop: carbon oxides.   |  |  |    |
| SECTION 11. Toxicological information  |  |  |    |
| In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.<br>It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product. |  |  |    |
| 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008   |  |  |    |
| <u>Metabolism, toxicokinetics, mechanism of action and other information</u>   |  |  |    |
| Information not available  |  |  |    |
| <u>Information on likely routes of exposure</u>  |  |  |    |
| Information not available  |  |  |    |
| <u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>  |  |  |    |
| Information not available  |  |  |    |
| <u>Interactive effects</u>   |  |  |    |
| Information not available  |  |  |    |
| <u>ACUTE TOXICITY</u>  |  |  |    |
| ATE (Inhalation) of the mixture:   |  | Not classified (no significant component)  |    |
| ATE (Oral) of the mixture:   |  | >2000 mg/kg  |    |
| ATE (Dermal) of the mixture:   |  | Not classified (no significant component)  |    |
| 2-Isopropyl-N,2,3-trimethylbutyramide<br>ATE (Oral):   |  | 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP<br>(figure used for calculation of the acute toxicity estimate of the mixture) |    |
| Propylene Glycol USP-EP-E1520<br>LD50 (Dermal):<br>LD50 (Oral):  |  | > 2000 mg/kg ratto<br>22000 mg/kg ratto  |    |
| ETHYL METHYL KETONE<br>LD50 (Dermal):<br>LD50 (Oral):<br>LC50 (Inhalation vapours):  |  | 6480 mg/kg Rabbit<br>2737 mg/kg Rat<br>23,5 mg/l/8h Rat  |    |
| Propylene Glycol USP-EP-E1520<br>Tossicità dopo assunzione ripetuta (subacuta, subcronica, cronica)<br>Tossicità orale subacuta<br>Parametro : NOAEL(C) ( PROPANE-1,2-DIOL ; No. CAS : 57-55-6 )<br>Via di esposizione : Per via orale<br>Specie : Ratto (maschio)<br>Dose efficace : 1700 mg/kg<br>Tossicità inalativa subacuta   |  |  |    |
| EPY 11.8.2 - SDS 1004.14   |  |  |    |

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## SECTION 11. Toxicological information ... / >>

Parametro : NOAEC ( PROPANE-1,2-DIOL ; No. CAS : 57-55-6 )  
Via di esposizione : Inalazione  
Specie : Ratto (maschio)  
Dose efficace : 2200 mg/m3.

### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

Propylene Glycol USP-EP-E1520  
Potere irritante: non irritante.

### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

Propylene Glycol USP-EP-E1520  
Potere irritante: non irritante.

### RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.  
Contains:  
Cinnamato di Metile  
4-idrossi-2,5-dimetilfuran-2(3H)-one

#### Respiratory sensitization

Propylene Glycol USP-EP-E1520  
Non si conoscono effetti sensibilizzanti.

#### Skin sensitization

Propylene Glycol USP-EP-E1520  
Non si conoscono effetti sensibilizzanti.

### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Propylene Glycol USP-EP-E1520  
Cancerogenicità  
Parametro : NOAEL(C) ( PROPANE-1,2-DIOL ; No. CAS : 57-55-6 )  
Via di esposizione : Ratto (maschio)  
Dose efficace : 1700 mg/kg.

### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### Adverse effects on development of the offspring

Propylene Glycol USP-EP-E1520  
Possibili effetti nocivi sulla tossicità dello sviluppo  
Parametro : NOAEL (Sviluppo fetale) ( PROPANE-1,2-DIOL ; No. CAS : 57-55-6 )  
Via di esposizione : Topo  
Dose efficace : 10400 mg/kg bw/day.

### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class



|  |                   |  |    |
|--|-------------------|--|----|
| L ERBORISTERIA SRL   |                   | Revision nr.3<br>Dated 18/04/2025<br>Printed on 18/04/2025<br>Page n. 9 / 12<br>Replaced revision:2 (Dated 25/06/2024) | EN |
| ICE CLUB - S.B. Milkshake Ice - Flavored Concentrated - ICE CLUB - Strawberry Milkshake Ice  |                   |  |    |
| SECTION 11. Toxicological information ... / >>   |                   |  |    |
| ASPIRATION HAZARD  |                   |  |    |
| Does not meet the classification criteria for this hazard class  |                   |  |    |
| 11.2. Information on other hazards   |                   |  |    |
| Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.  |                   |  |    |
| SECTION 12. Ecological information   |                   |  |    |
| Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.                     |                   |  |    |
| 12.1. Toxicity   |                   |  |    |
| Propylene Glycol USP-EP-E1520  |                   |  |    |
| LC50 - for Fish  | 40613 mg/l/96h    | Oncorhynchus mykiss  |    |
| EC50 - for Crustacea   | 18340 mg/l/48h    | Ceriodaphnia dubia   |    |
| EC50 - for Algae / Aquatic Plants  | 19000 mg/l/48h    | Skeletonema costatum   |    |
| 12.2. Persistence and degradability  |                   |  |    |
| Propylene Glycol USP-EP-E1520  |                   |  |    |
| Solubility in water  | 1000 - 10000 mg/l |  |    |
| Rapidly degradable   |                   |  |    |
| ETHYL METHYL KETONE  |                   |  |    |
| Solubility in water  | > 10000 mg/l      |  |    |
| Rapidly degradable   |                   |  |    |
| 12.3. Bioaccumulative potential  |                   |  |    |
| Propylene Glycol USP-EP-E1520  |                   |  |    |
| Partition coefficient: n-octanol/water   | -1,07             |  |    |
| BCF  | 0,09              |  |    |
| ETHYL METHYL KETONE  |                   |  |    |
| Partition coefficient: n-octanol/water   | 0,3               |  |    |
| 12.4. Mobility in soil   |                   |  |    |
| Propylene Glycol USP-EP-E1520  |                   |  |    |
| Partition coefficient: soil/water  | 0,46              |  |    |
| 12.5. Results of PBT and vPvB assessment   |                   |  |    |
| On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.  |                   |  |    |
| 12.6. Endocrine disrupting properties  |                   |  |    |
| Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation. |                   |  |    |
| 12.7. Other adverse effects  |                   |  |    |
| Information not available  |                   |  |    |
| SECTION 13. Disposal considerations  |                   |  |    |
| 13.1. Waste treatment methods  |                   |  |    |
| Reuse, when possible. Neat product residues should be considered special non-hazardous waste.  |                   |  |    |
| Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.   |                   |  |    |
| The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.           |                   |  |    |
| CONTAMINATED PACKAGING   |                   |  |    |
| EPY 11.8.2 - SDS 1004.14   |                   |  |    |

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Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number or ID number

not applicable

### 14.2. UN proper shipping name

not applicable

### 14.3. Transport hazard class(es)

not applicable

### 14.4. Packing group

not applicable

### 14.5. Environmental hazards

not applicable

### 14.6. Special precautions for user

not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

## SECTION 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product  
Point 40

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors  
not applicable

Substances in Candidate List (Art. 59 REACH)  
On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)  
None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:  
None

Substances subject to the Rotterdam Convention:  
None

Substances subject to the Stockholm Convention:  
None

Healthcare controls  
Information not available

### 15.2. Chemical safety assessment

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A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

## SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                      |  |
|----------------------|--|
| <b>Flam. Liq. 2</b>  | Flammable liquid, category 2                                 |
| <b>Acute Tox. 4</b>  | Acute toxicity, category 4                                   |
| <b>Skin Corr. 1B</b> | Skin corrosion, category 1B                                  |
| <b>Eye Irrit. 2</b>  | Eye irritation, category 2                                   |
| <b>Skin Sens. 1</b>  | Skin sensitization, category 1                               |
| <b>Skin Sens. 1B</b> | Skin sensitization, category 1B                              |
| <b>STOT SE 3</b>     | Specific target organ toxicity - single exposure, category 3 |
| <b>H225</b>          | Highly flammable liquid and vapour.                          |
| <b>H302</b>          | Harmful if swallowed.  |
| <b>H314</b>          | Causes severe skin burns and eye damage.                     |
| <b>H319</b>          | Causes serious eye irritation.                               |
| <b>H317</b>          | May cause an allergic skin reaction.                         |
| <b>H336</b>          | May cause drowsiness or dizziness.                           |
| <b>EUH066</b>        | Repeated exposure may cause skin dryness or cracking.        |
| <b>EUH210</b>        | Safety data sheet available on request.                      |

### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament

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**SECTION 16. Other information ... / >>**

12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)
26. Delegated Regulation (UE) 2024/197 (XXI Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**CALCULATION METHODS FOR CLASSIFICATION**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

**Additional Information:**

- Sale prohibited to minors under 18 years.

**Changes to previous review:**

The following sections were modified:

01 / 03 / 08 / 09 / 12 / 13.