

SAFETY DATA SHEET

In accordance with 1907/2006 Annex II (2015/830) and 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)
Issued 2017-06-19
Version number 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name BUBBLE SOLUTION JUMBO
Article number 31-9344

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

Identified uses Child's play

1.3. Details of the supplier of the safety data sheet

Company Clas Ohlson AB

79385 Insjön
Telephone +46 (0)247 444 00
E-mail kundtjanst@clasohlson.se
Website www.clasohlson.co.uk

1.4. Emergency telephone number

Acute cases: Call 112, request poison information.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Irritates eyes (Category 2), H319

2.2. Label elements

Hazard pictogram



Signal word Warning
Hazard statement H319 Causes serious eye irritation
Precautionary statements
P101 If medical advice is needed, have product container or label at hand
P103 Read label before use
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical advice/attention

2.3. Other hazards

Not indicated.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

| Constituent | Classification | Concentration |
|---------------------------------------|---|---------------|
| WATER | | |
| CAS No: 7732-18-5 EC No: 231-791-2 | | 95.95 % |
| LAURYL BETAINE SOLUTION | | |
| CAS No: 683-10-3 EC No: 211-669-5 | Acute Tox 4dermal, Acute Tox 4oral, Skin Irrit 2, Eye Dam 1; H312, H302, H315, H318 | 2.1 % |

| | | |
|---|---|---------|
| PROPYLENE GLYCOL | | |
| CAS No: 57-55-6 EC No: 200-338-0 REACH: 01-2119456809-23 | | 1.1 % |
| 2-HYDROXYETHYL-CELLULOSE | | |
| CAS No: 9004-62-0 EC No: 618-387-5 | Skin Irrit 2, Eye Irrit 2, STOT SE 3 <i>resp</i> ; H315, H319, H335 | 0.35 % |
| PHENOXYETHANOL | | |
| CAS No: 122-99-6 EC No: 204-589-7 Index No: 603-098-00-9 REACH: 01-2119488943-21 | Acute Tox 4 <i>oral</i> , Eye Irrit 2; H302, H319 | 0.296 % |
| DISODIUM DIHYDROGEN ETHYLENEDIAMINETETRAACETATE | | |
| CAS No: 139-33-3 EC No: 205-358-3 REACH: 01-2119486775-20 | Acute Tox 4 <i>dust-mist</i> , STOT RE 2; H332, H373 | 0.1 % |
| METHYLPARABEN | | |
| CAS No: 99-76-3 EC No: 202-785-7 | Aquatic Chronic 3; H412 | 0.06 % |
| PROPYLPARABEN | | |
| CAS No: 94-13-3 EC No: 202-307-7 | | 0.03 % |
| ETHYL PARABEN | | |
| CAS No: 120-47-8 EC No: 204-399-4 | | 0.014 % |

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

SECTION 4: First aid measures

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms persist, call a doctor/physician.

Upon breathing in

Fresh air and rest.

Upon eye contact

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor.

Upon skin contact

Normal washing of the skin is considered sufficient; If nevertheless symptoms do occur, contact a physician.

Upon ingestion

Drink plenty of water.

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

Generally

See section 11.

Upon eye contact

Serious eye irritation may occur.

Upon skin contact

At normal use this product has no significant harmful local effects.

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

Symptomatic treatment.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing agents

Extinguish with materials intended for the surrounding fire.

Unsuitable extinguishing agents

Among common extinguishing agents there are none that are overtly unsuitable.

5.2. Special hazards arising from the substance or mixture

Corrosive gases can be dispersed in case of fire.

5.3. Advice for fire-fighters

In case of fire use a respirator mask.

Wear full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

6.2. Environmental precautions

Avoid release to drains or aquatic environments.

6.3. Methods and material for containment and cleaning up

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not inhale the fumes and avoid exposure to skin, eyes and clothing.

Remove clothes which have been splattered.

Wash contaminated clothing before reuse.

Handle in premises with good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging materials: plastic, polyethylene, and polypropylene.

7.3. Specific end uses

See identified uses in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

PROPYLENE GLYCOL

United Kingdoms (EH40/2005)

Time-weighted-average exposure limit (TWA) 150 ppm / 474 mg/m³

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

No special measures need to be taken in the event of normal handling or use.

8.2.1. Appropriate engineering controls

Handle in premises with good ventilation.

Eye/face protection

Eye protection is not necessary during normal use.

Skin protection

Protective gloves are not needed.

Respiratory protection

Respiratory protection is not required.

8.2.3. Environmental exposure controls

Avoid discharge into sewers.

Avoid release to soil and waterways.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- | | |
|--------------------|---------------|
| a) Appearance | Form: liquid. |
| b) Odour | Not indicated |
| c) Odour threshold | Not indicated |
| d) pH | Not indicated |

| | |
|---|----------------|
| e) Melting point/freezing point | Not indicated |
| f) Initial boiling point and boiling range | Not indicated |
| g) Flash point | Not indicated |
| h) Evaporation rate | Not indicated |
| i) Flammability (solid, gas) | Not applicable |
| j) Upper/lower flammability or explosive limits | Not indicated |
| k) Vapour pressure | Not indicated |
| l) Vapour density | Not indicated |
| m) Relative density | Not indicated |
| n) Solubility | Not indicated |
| o) Partition coefficient: n-octanol/water | Not applicable |
| p) Auto-ignition temperature | Not indicated |
| q) Decomposition temperature | Not indicated |
| r) Viscosity | Not indicated |
| s) Explosive properties | Not applicable |
| t) Oxidising properties | Not applicable |

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

In case of fire, corrosive gases might form.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Health damage is not known or expected in case of normal usage.

Acute toxicity

The product is not classified as acute toxic.

LAURYL BETAINE SOLUTION

LD50 rat 24h: > 5000 mg/kg Orally

PROPYLENE GLYCOL

LD50 rabbit 24h: > 10000 mg/kg Dermally

LD50 rat 24h: 21000 - 34000 mg/kg Orally

PHENOXYETHANOL

LD50 rat 24h: 5000 mg/kg Dermally

LD50 rat 24h: 1260 mg/kg Orally

DISODIUM DIHYDROGEN ETHYLENEDIAMINETETRAACETATE

LD50 Mouse 24h: 2100 mg/kg Orally

METHYLPARABEN

LD50 rat 24h: 2280 mg/kg Orally

ETHYL PARABEN

LD50 Mouse 24h: 3000 mg/kg Orally

Skin corrosion/irritation

The criteria for classification cannot be considered fulfilled based on available data.

Serious eye damage/irritation

Irritating to eyes.

Respiratory or skin sensitisation

No hypersensitive reactions have been reported for the substances in this mixture.

Germ cell mutagenicity

To the best of our knowledge, no mutagenic effects have been reported for this product.

Carcinogenicity

To the best of our knowledge, no carcinogenic effects have been reported for this product.

Reproductive toxicity

To the best of our knowledge, no reproductive toxicity has been reported for this product.

STOT-single exposure

The criteria for classification cannot be considered fulfilled based on available data.

STOT-repeated exposure

No known hazards for repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

SECTION 12: Ecological information

12.1. Toxicity

Not indicated.

PROPYLENE GLYCOL

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: 40613 mg/l

EC50 Freshwater water flea (*Daphnia magna*) 96 h: 4850 - 34400 mg/L

EC50 Freshwater water flea (*Daphnia magna*) 48 h: 43500 mg/l

LC50 Fish 96h: 4660 - 54600 mg/L

NOEC Fish 168 h: 98 mg/l

12.2. Persistence and degradability

The product degrades in the natural environment.

12.3. Bioaccumulative potential

This product or its ingredients do probably not accumulate in nature.

12.4. Mobility in soil

The product has little mobility in soil.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Data lacking.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely empty packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely empty packaging can be recycled.

Observe local regulations or contact the supplier for further information.

SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number

Not classified as dangerous goods

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. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

14.8 Other transport information

Not applicable

SECTION 15: Regulatory information

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

Not indicated.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: Other information

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

This is the first version

16b. Legend to abbreviations and acronyms used in the safety data sheet

Full texts for Hazard Class and Category Code mentioned in section 3

| | |
|------------------------------|--|
| Acute Tox 4 <i>dermal</i> | Acute toxicity (Category 4 skin) |
| Acute Tox 4 <i>oral</i> | Acute toxicity (Category 4 oral) |
| Skin Irrit 2 | Skin Irritant (Category 2) |
| Eye Dam 1 | Irreversible Eye Effects (Category 1) |
| Eye Irrit 2 | Irritates eyes (Category 2) |
| STOT SE 3 <i>resp</i> | Specific target organ toxicity - single exposure; May cause respiratory irritation (Category 3 resp) |
| Acute Tox 4 <i>dust-mist</i> | Acute toxicity (Category 4 dust/mist) |
| STOT RE 2 | Specific target organ toxicity - repeated exposure (Category 2) |
| Aquatic Chronic 3 | Harmful to aquatic life with long-lasting effects (Category Chronic 3) |

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2017-06-19.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

| | |
|-------------------------------|--|
| 1907/2006 Annex II (2015/830) | COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) |
| 1272/2008 | REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 |
| EH40/2005 | EH40/2005 Workplace exposure limits |
| 1907/2006 | REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC |

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

16e. List of relevant hazard statements and/or precautionary statements

Full texts for hazard statements mentioned in section 3

H312 Harmful in contact with skin

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H332 Harmful if inhaled

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure
<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>

H412 Harmful to aquatic life with long lasting effects

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

Not indicated.

Other relevant information

Editorial information



This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, www.kemrisk.se