# SAFETY DATA SHEET

**Unger The Pill UE (US-CA-MX / EN)**

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

<table>
<thead>
<tr>
<th>Date issued</th>
<th>12.08.2015</th>
</tr>
</thead>
</table>

### 1.1. Product identifier

- **Product name**: Unger The Pill UE (US-CA-MX / EN)
- **Article no.**: 13604 / 13605 / PL100 / PL500 / 15033 / HYSPD / ETSET

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

- **Function**: Detergent
- **Product group**: Cleaning agents
- **Use of the substance/preparation**: Glass Cleaner - Non-Aerosol
- **Uses advised against**: No specific uses advised against are identified.
- **The chemical can be used by the general public**: Yes

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

- **Company name**: Unger Enterprises LLC
- **Office address**: 425 Asylum Street
- **Postcode**: 06610
- **City**: Bridgeport, CT
- **Country**: United States of America
- **Tel**: +1 800 431 2324
- **Fax**: +1 800 367 1988
- **E-mail**: compliance@ungerglobal.com
- **Website**: http://www.ungerglobal.com

### 1.4. Emergency telephone number

**Identification comments**
- For Hazardous Materials [or Dangerous Goods] Incident - Spill, Leak, Fire, Exposure, or Accident - Call CHEMTREC Day or Night.
- Within USA and Canada: 1-800-424-9300 CCN726541 or +1 703-527-3887 (collect calls accepted).
- Within Mexico, please call +1 203 366 4884 (collect calls accepted) between 8:30 am – 5:00 pm Eastern Time Zone (EST/EDT).

## SECTION 2: Hazards identification

### 2.1. Classification of substance or mixture

- **Classification according to GHS**: Eye Irrit. 2; H319; Calculation method

### 2.2. Label elements

**Hazard Pictograms**
### Composition on the label

Sodium bicarbonate: 70 - 82 % wt/wt, Citric acid: 15 - 25 % wt/wt, Sodium lauryl sulfoacetate: 1,5 - 2,0 % wt/wt, Polyethylene glycol: 1,0 - 2,0 % wt/wt, Magnesium stearate: 0,15 % wt/wt, FDC Blue No. 1: 0,25 % wt/wt

### Signal word

Warning

### Hazard statements

H319 Causes serious eye irritation.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/eye protection.
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

**Physico-chemical effects**

cf. section 9 for physical-chemical information.

**Health effect**

May be harmful if swallowed. May irritate eyes and skin.

**Environmental effects**

Cf. section 12 for information on ecology.

### Symptoms and effects of potential misuse

No information required.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Substance</th>
<th>Identification</th>
<th>Classification</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium bicarbonate (US)</td>
<td>CAS no.: 144-55-8 Synonyms: Sodium bicarbonate IUPAC name: Sodium hydrogencarbonate</td>
<td></td>
<td>70 - 82 % wt/wt</td>
</tr>
<tr>
<td>Citric acid (US)</td>
<td>CAS no.: 77-92-9 Synonyms: Citric acid IUPAC name: 2-Hydroxypropane 1,2,3-tricarbonic acid</td>
<td>Eye Irrit. 2; H319</td>
<td>15 - 25 % wt/wt</td>
</tr>
<tr>
<td>Sodium lauryl sulfoacetate (US)</td>
<td>CAS no.: 1847-58-1 Synonyms: Dodecyl sodium sulfoacetate IUPAC name: Sodium 2-(dodecyloxy)-2-oxoethane-1-sulphonate</td>
<td>Acute tox. 4; H302 Acute tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE3; H335</td>
<td>1,5 - 2,0 % wt/wt</td>
</tr>
<tr>
<td>Polyethylene glycol (US)</td>
<td>CAS no.: 25322-68-3 Synonyms: Polyehtylene glycol IUPAC name: Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-ethane-1,2-diol, ethoxylated</td>
<td>STOT SE3; H335</td>
<td>1,0 - 2,0 % wt/wt</td>
</tr>
<tr>
<td>Magnesium stearate (US)</td>
<td>CAS no.: 557-04-0 Synonyms: Magnesium distearate IUPAC name: Magnesium distearate</td>
<td></td>
<td>0,15 % wt/wt</td>
</tr>
<tr>
<td>FDC Blue No. 1 (US)</td>
<td>CAS no.: 3844-45-3 Synonyms: C.I. Acid Blue 9, disodium salt IUPAC name: Dihydrogen</td>
<td></td>
<td>0,25 % wt/wt</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1. Description of first aid measures

General
Place unconscious person on the side in the recovery position and ensure breathing can take place. If medical advice is needed, have product container or label at hand.

Inhalation
Due to the small packaging the risk of inhalation is minimal. IF INHALED: Move into fresh air and keep at rest.

Skin contact
Wash skin with soap and water.

Eye contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion
Immediately rinse mouth and drink plenty of water (200-300 ml). Never give liquid to an unconscious person. DO NOT INDUCE VOMITING! If medical advice is needed, have product container or label at hand.

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

Acute symptoms and effects
Burning sensation.

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

Specific details on antidotes
Decontamination, symptomatic treatment. No special antidote known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Product doesn't ignite. Use fire-extinguishing media appropriate for surrounding materials.

Improper extinguishing media
Water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards
This product is not flammable.

Hazardous combustion products

5.3. Advice for firefighters

Personal protective equipment
In case of inadequate ventilation wear respiratory protection. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures
Avoid dust formation. Avoid contact with eyes and skin.

Personal protection measures
Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

Hazardous combustion products
cf. section 5

6.1.2. For emergency responders

For emergency responders
In case of inadequate ventilation wear respiratory protection. Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures
Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
Cleaning method
Sweep-up or pick-up with an industrial vacuum cleaner, store in closed container for disposal.

6.4. Reference to other sections
Other instructions cf. section 8 for personal protection, and section 13 for waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Handling
Observe good chemical hygiene practices. Avoid contact with eyes and prolonged skin contact. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities
Storage
Store at moderate temperatures in dry, well ventilated area.

Conditions for safe storage
Requirements for storage rooms and vessels
Storage in gateways, passages, stairways, hallways open to public, roofs, attics, cellars and work-rooms is not advisable.

Advice on storage compatibility
No incompatibilities known.

7.3. Specific end use(s)
Recommendations
Cf. section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational Exposure limit values

<table>
<thead>
<tr>
<th>Substance</th>
<th>Identification</th>
<th>Value</th>
<th>TWA Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium bicarbonate</td>
<td>CAS no.: 144-55-8</td>
<td>8-hour TWA: 5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Synonyms: Sodium bicarbonate</td>
<td>OEL Occupational Exposure Limit / 8 hours (shift length)</td>
<td>Latvia</td>
</tr>
</tbody>
</table>

DNEL / PNEC
Recommended monitoring procedures
NIOSH 0500: Total particulates not otherwise regulated.
OSHA PV2121: Gravimetric determination.

8.2. Exposure controls
Precautionary measures to prevent exposure

Organizational measures to prevent exposure
Thoroughly clean hands, forearms, and face after handling of the product, before eating, drinking and lavatory use, and at the end of the work shift.

Technical measures to prevent exposure
Use engineering controls to reduce air contamination to permissible exposure level.

Respiratory protection
Respiratory protection
Under normal conditions of use respiratory protection should not be required. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection
Hand protection
For prolonged or repeated skin contact use suitable protective gloves.

Eye / face protection
Eye protection
Wear approved, tight fitting safety glasses where splashing is probable.

Skin protection
Skin protection (except hands)
Generally regular work clothing sufficient.

Hygiene / Environmental
Specific hygiene measures
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. When using do
not eat, drink or smoke. Wash at the end of each work shift and before
eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Pellets. Solid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Blue.</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless.</td>
</tr>
<tr>
<td>Comments, pH (as supplied)</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>pH (aqueous solution)</td>
<td>Value: 7.0-7.5</td>
</tr>
<tr>
<td>Comments, Melting point/boiling range</td>
<td>Value: &gt; 200 °C</td>
</tr>
<tr>
<td>Comments, Flash point</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Comments, Evaporation rate</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Comments, Vapour pressure</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Comments, Vapour density</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Unlimited miscible</td>
</tr>
<tr>
<td>Comments, Decomposition temperature</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Comments, Viscosity</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not oxidizing</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Softening point</th>
<th>Comments: No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Of Voc</td>
<td>Comments: No data available</td>
</tr>
</tbody>
</table>

Physical hazards

| Comments, Particle size | No data recorded. |

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable in normal conditions.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions under regular storage and handlings conditions known.

10.4. Conditions to avoid

Conditions to avoid Protect from moisture.

10.5. Incompatible materials

Materials to avoid Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Organic decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

<table>
<thead>
<tr>
<th>Other toxicological data</th>
<th>ATE (Oral) 4695.00 mg/kg bw</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ATPE (Dermal) 55000.00 mg/kg bw</td>
</tr>
</tbody>
</table>
Potential acute effects

Inhalation
No specific health warnings noted. Dust may irritate respiratory system.

Skin contact
No specific health warnings noted. Dust has an irritating effect on moist skin.

Eye contact
No specific health warnings noted. Prolonged contact may cause redness and/or tearing. Causes serious eye irritation.

Ingestion
No specific health warnings noted. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed. Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhea.

Aspiration hazard
Technically not feasible.

Delayed effects / repeated exposure

Sensitisation
No specific health warnings noted.

STOT-single exposure
No data available, probably no subchronic toxicity

STOT-repeated exposure
No data available, probably no chronic toxicity

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity
No specific health warnings noted.

Mutagenicity
No specific health warnings noted.

Teratogenic properties
No specific health warnings noted.

Reproductive toxicity
No specific health warnings noted.

SECTION 12: Ecological information

12.1. Toxicity

Toxicological data for substances

<table>
<thead>
<tr>
<th>Substance</th>
<th>Value</th>
<th>Species</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute aquatic, fish</td>
<td>1516 mg/L</td>
<td>Lepomis macrochirus</td>
<td>96h</td>
</tr>
<tr>
<td>Acute aquatic, Daphnia</td>
<td>120 mg/L</td>
<td>Daphnia magna</td>
<td>72h</td>
</tr>
</tbody>
</table>

Distribution coefficient

<table>
<thead>
<tr>
<th>Value</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,72</td>
<td>Log Pow</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence and degradability
All organic components are considered biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential
The product is not bioaccumulating.

12.4. Mobility in soil

Mobility
No data on possible environmental effects have been found.

12.5. Results of PBT and vPvB assessment

PBT assessment results
This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

<table>
<thead>
<tr>
<th>Comments, Ozone depletion potential</th>
<th>Ozone depletion potential not known</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments, Photochemical ozone creation</td>
<td>Ozone formation potential not known</td>
</tr>
</tbody>
</table>

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal
Dispose of waste and residues in accordance with local authority requirements. No specific disposal method required.
Relevant waste regulation

**USA:** Federal waste regulation: 40 CFR 261

**Canada:** Canadian Environmental Protection Act (CEPA 1999; s.s..1999, c.33) Part 7 Controlling Pollution and Managing Wastes.

**Mexico:** Regulation of the General Law of Ecological Balance and Environmental Protection in Hazardous Waste.

Product classified as hazardous waste

No

Packaging classified as hazardous waste

No

### SECTION 14: Transport information

#### 14.1. UN number

Comments

No recommendation given.

#### 14.2. UN proper shipping name

Comments

No recommendation given.

#### 14.3. Transport hazard class(es)

Comments

No recommendation given.

#### 14.4. Packing group

Comments

No recommendation given.

#### 14.5. Environmental hazards

Comments

No recommendation given.

#### 14.6. Special precautions for user

Special safety precautions for user

No recommendation given.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name

No recommendation given.

Additional information.

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### ADR / RID - Other information

ADR Other information

No recommendation given.

### ADN - Other information

Other information

No recommendation given.

### IMDG / ICAO / IATA Other information

IMDG Other information

No recommendation given.

### SECTION 15: Regulatory information

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

References (laws/regulations)

**International Inventories**

USA: All compounds are listed on the TSCA Inventory

Canada: All components are listed either on the DSL or NDSL.

**Regulations of the United States of America:**


US Federal Regulations:
SARA 313:
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:
Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act):
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65:
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:
This product does not contain any substances regulated by state right-to-know regulations.

Regulations of Canada:


Regulations of Mexico:


15.2. Chemical safety assessment

| Chemical safety assessment performed | No |
| Chemical Safety Assessment          | No data recorded. |
| Exposure scenarios for mixture      | No |
| Exposure Scenario Comments          | No recommendation given. |
# SECTION 16: Other information

## Supplier's notes

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

## Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Eye Irrit. 2; H319; Calculation method

## List of relevant H-phrases (Section 2 and 3).

- H318 Causes Serious eye damage.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H335 May cause respiratory irritation.
- H312 Harmful in contact with skin.
- H319 Causes serious eye irritation.

## Training advice

Not relevant

## Recommended restrictions on use

Not relevant.

## User notes

In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material, as far as not expressly stated otherwise.

## Version

1

## Responsible for safety data sheet

Unger Enterprises LLC