

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** UBIK 2000

**Product code:** 301

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

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

**Company name:** Clover Chemicals Ltd  
Clover House  
Macclesfield Road  
Whaley Bridge, High Peak  
Derbyshire  
SK23 7DQ  
UK

**Tel:** +44 (0) 1663 733114

**Fax:** +44 (0) 1663 733115

**Email:** [technical@cloverchemicals.com](mailto:technical@cloverchemicals.com)

**1.4. Emergency telephone number**

**Emergency tel:** NHS 111

NHS Direct Wales 08454647

ROI 01 809 2166

**Section 2: Hazards identification**

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

**Classification under CLP:** Skin Corr. 1A: H314

**Most important adverse effects:** Causes severe skin burns and eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H314: Causes severe skin burns and eye damage.

**Hazard pictograms:** GHS05: Corrosion



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**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

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

P264: Wash hands thoroughly after handling.

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.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P332+P313: If skin irritation occurs: Get medical advice/attention.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

3 - BUTOXYPROPAN - 2 - OL - REACH registered number(s): 01-2119475527-28-xxxx

| EINECS    | CAS         | PBT / WEL | CLP Classification                      | Percent |
|-----------|-------------|-----------|---|---------|
| 225-878-4 | 005131-66-8 | -         | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10%   |

ISOTRIDECANOETHOXYLATE, POLYMER(8 MOLE EO AVERAGE)

|   |            |   |                                      |       |
|---|------------|---|--------------------------------------|-------|
| - | 69011-36-5 | - | Acute Tox. 4: H302; Eye Dam. 1: H318 | 1-10% |
|---|------------|---|--------------------------------------|-------|

B-ALANINE, N-COCO ALKYL DERIVATIVES, SODIUM SALTS - REACH registered number(s): 01-2119976233-35-xxxx

|           |            |   |                    |       |
|-----------|------------|---|--------------------|-------|
| 271-795-1 | 68608-68-4 | - | Eye Irrit. 2: H319 | 1-10% |
|-----------|------------|---|--------------------|-------|

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|         |             |   |                  |       |
|---------|-------------|---|------------------|-------|
| POLYMER | 160875-66-1 | - | Eye Dam. 1: H318 | 1-10% |
|---------|-------------|---|------------------|-------|

SODIUM HYDROXIDE - REACH registered number(s): 01-2119457892-27-XXXX

|           |           |   |                     |       |
|-----------|-----------|---|---------------------|-------|
| 215-185-5 | 1310-73-2 | - | Skin Corr. 1A: H314 | 1-10% |
|-----------|-----------|---|---------------------|-------|

**Contains:** Sodium Hydroxide (1.35%)

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

[cont...]

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**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water.

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Transfer to a suitable container. Neutralise with dilute hydrochloric acid.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

[cont...]

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Polyethylene. Stainless steel. Teflon.

## 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**SODIUM HYDROXIDE**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL        | 8 hour TWA | 15 min. STEL |
|-------|------------|---------------------|------------|--------------|
| UK    | -          | 2 mg/m <sup>3</sup> | -          | -            |

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Hand protection:** Protective gloves. Gloves (alkali-resistant).

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Blue

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Flammability limits %: lower:** Not applicable.

**upper:** Not applicable.

**Flash point°C:** Not applicable.

**Autoflammability°C:** Not applicable.

**Relative density:** 1.05 - 1.15

**pH:** 13.4

**VOC g/l:** 57.3

[cont...]

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## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### 3 - BUTOXYPROPAN - 2 - OL

|      |     |      |      |       |
|------|-----|------|------|-------|
| ORAL | RAT | LD50 | 2700 | mg/kg |
|------|-----|------|------|-------|

#### ISOTRIDECANOLETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

|      |     |      |          |       |
|------|-----|------|----------|-------|
| ORAL | RAT | LD50 | 500-2000 | mg/kg |
|------|-----|------|----------|-------|

#### B-ALANINE,N-COCO ALKYL DERIVATIVES, SODIUM SALTS

|     |   |      |       |       |
|-----|---|------|-------|-------|
| ORL | - | LD50 | >5000 | mg/kg |
|-----|---|------|-------|-------|

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|     |     |      |       |       |
|-----|-----|------|-------|-------|
| ORL | RAT | LD50 | >2000 | mg/kg |
|-----|-----|------|-------|-------|

#### SODIUM HYDROXIDE

|     |     |      |     |       |
|-----|-----|------|-----|-------|
| IPR | MUS | LD50 | 40  | mg/kg |
| ORL | RBT | LDLO | 500 | mg/kg |

[cont...]

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## Relevant hazards for product:

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### 3 - BUTOXYPROPAN - 2 - OL

|         |          |          |      |
|---------|----------|----------|------|
| -       | 48H EC50 | >1000    | mg/l |
| GUPPIES | 96H LC50 | 560-1000 | mg/l |

##### ISOTRIDECANOETHOXYLATE,POLYMER(8 MOLE EO AVERAGE)

|      |          |      |      |
|------|----------|------|------|
| FISH | 96H LC50 | 1-10 | mg/l |
|------|----------|------|------|

##### B-ALANINE,N-COCO ALKYL DERIVATIVES, SODIUM SALTS

|   |          |      |      |
|---|----------|------|------|
| - | 48H EC50 | 18   | mg/l |
| - | 48H EC50 | 97.5 | mg/l |

##### C9/11 A, >3-6 EO PREDOMINANTLY LINEAR (DID 21)

|             |          |          |      |
|-------------|----------|----------|------|
| Scenedesmus | 48H EC50 | 10 - 100 | mg/l |
|-------------|----------|----------|------|

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Soluble in water.

[cont...]

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## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

**Legend to abbreviations:** PNEC = predicted no effect concentration

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

LDLO = lethal dose low

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

[cont...]

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MUS = mouse  
GPG = guinea pig  
RBT = rabbit  
HAM = hamster  
HMN = human  
MAM = mammal  
PGN = pigeon  
IVN = intravenous  
IPR = intraperitoneal  
SCU = subcutaneous  
ORL = oral  
SKN = skin  
DRM = dermal  
OCC = ocular/corneal  
OPT = optical  
ING = ingestion  
INH = inhalation  
PCP = physico-chemical properties

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.