



**SAFETY DATA SHEET**  
PURPLE BEERLINE CLEANER

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Compilation date: 25/10/2012

Revision No: 1

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

**1.1. Product identifier**

**Product name:** PURPLE BEERLINE CLEANER

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

**Use of substance / mixture:** Beer line cleaner

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

**Company name:** Future 2000  
Unit 6, West Park  
207 Torrington Avenue  
Coventry  
West Midlands  
CV4 9AP  
United Kingdom  
**Tel:** +44 (0) 2476 461 597  
**Fax:** +44 (0) 2476 464 100  
**Email:** [cowburn3@aol.com](mailto:cowburn3@aol.com)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 7903125314  
(office hours only)

**Section 2: Hazards identification**

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

**Classification under CHIP:** C: R34

**Most important adverse effects:** Causes burns.

**2.2. Label elements**

**Label elements under CHIP:**

**Hazard symbols:** Corrosive.



**Risk phrases:** R34: Causes burns.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

[cont...]

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**Precautionary phrases:** Warning! Do not use with other products. May release dangerous gases (chlorine).

### 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:

##### SODIUM HYPOCHLORITE SOLUTION CL ACTIVE

| EINECS    | CAS       | CHIP Classification    | CLP Classification                                    | Percent |
|-----------|-----------|------------------------|-------------------------------------------------------|---------|
| 231-668-3 | 7681-52-9 | -: R31; C: R34; N: R50 | Skin Corr. 1B: H314; Aquatic Acute 1: H400; -: EUH031 | 1-10%   |

##### SODIUM HYDROXIDE

|           |           |        |                     |       |
|-----------|-----------|--------|---------------------|-------|
| 215-185-5 | 1310-73-2 | C: R35 | Skin Corr. 1A: H314 | 1-10% |
|-----------|-----------|--------|---------------------|-------|

##### POTASSIUM PERMANGANATE

|           |           |                           |                                                                                      |     |
|-----------|-----------|---------------------------|--------------------------------------------------------------------------------------|-----|
| 231-760-3 | 7722-64-7 | O: R8; Xn: R22; N: R50/53 | Ox. Sol. 2: H272; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400 | <1% |
|-----------|-----------|---------------------------|--------------------------------------------------------------------------------------|-----|

## 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. Transfer to hospital if there are burns or symptoms of poisoning.

**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. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

[cont...]

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**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**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:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

### 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:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. 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:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 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. Do not handle in a confined space. 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 cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**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/m3      | -          | -            |

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves. Gloves (alkali-resistant). BS EN 374:2008

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

**Skin protection:** Impermeable protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Purple

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

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

**Solubility in water:** Miscible in all proportions

**Viscosity:** Non-viscous

**Melting point/range°C:** ~ 0

**upper:** No Data

**Autoflammability°C:** No Data

**Relative density:** 1.065 - 1.085

**Flammability limits %: lower:** No Data

**Part.coeff. n-octanol/water:** No Data

**Vapour pressure:** No Data

[cont...]

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VOC g/l: 0

**9.2. Other information**

**Other information:** Not applicable.

**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.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids. Reducing agents. Metals.

**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:**

**SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| ORL | MUS | LD50 | 5800 | mg/kg |
|-----|-----|------|------|-------|

**SODIUM HYDROXIDE**

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

**POTASSIUM PERMANGANATE**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| ORL | MUS | LD50 | 2157 | mg/kg |
| ORL | RAT | LD50 | 1090 | mg/kg |

[cont...]

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**Relevant effects for mixture:**

| Effect      | Route       | Basis                 |
|-------------|-------------|-----------------------|
| Corrosivity | OPT INH DRM | Hazardous: calculated |

**Symptoms / routes of exposure**

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

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

**Other information:** Not applicable.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**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:** Harmful to aquatic organisms. Harmful to soil organisms.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

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

**Recovery operations:** Not applicable.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste.

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

[cont...]

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**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**

**Specific regulations:** This product is a Seveso category/named substance in Annex I of Council Directive 96/82/EC.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH031: Contact with acids liberates toxic gas.

H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

R8: Contact with combustible material may cause fire.

R22: Harmful if swallowed.

R31: Contact with acids liberates toxic gas.

R34: Causes burns.

R35: Causes severe burns.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50: Very toxic to aquatic organisms.

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

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

[cont...]

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oc = open cup  
MUS = mouse  
GPG = guinea pig  
RBT = rabbit  
HAM = hamster  
HMN = human  
MAM = mammal  
PGN = pigeon  
IVN = intravenous  
SCU = subcutaneous  
SKN = skin  
DRM = dermal  
OCC = ocular/corneal  
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.