

## Beer and Pump Line Cleaner

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

#### 1.1 - Product identifier

Trade name/designation Beer and Pump Line Cleaner

Chemical name

Product-type Mixture

Product code 61100

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

Relevant identified uses - PC35: Washing and cleaning products (including solvent based products).

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

Super Formula  
Millers Close  
NR21 8NW Fakenham United Kingdom  
Telephone : +44 1328 851407  
Website <https://superformula.co.uk/>  
+4423128 851407 sales@superformula.com

#### 1.4 - Emergency telephone number

United Kingdom: NHS Direct: 111

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

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

Skin Corr. 1	Skin corrosion, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2

#### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: sodium hypochlorite, solution ... % Cl active (CAS No.: 7681-52-9) | potassium hydroxide, caustic potash (CAS No.: 1310-58-3)

Signal word : Danger

Hazard pictograms



Hazard statements

H314	Causes severe skin burns and eye damage
H411	Toxic to aquatic life with long lasting effects

Precautionary statements



## Beer and Pump Line Cleaner

P260	Do not breathe gas/mist/vapours/spray.
P264	Wash face/hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/a doctor.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national regulation.

### EUH-phrases

EUH031	Contact with acids liberates toxic gas
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### 2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
potassium hydroxide, caustic potash	CAS No. : 1310-58-3 Index No. : 019-002-00-8 EC No. : 215-181-3	0 - 10	Acute Tox. 4 Oral - H302 Skin Corr. 1A - H314	Skin Corr. 1A - H314 : 5>=%<=100 Skin Corr. 1B - H314 : 2>=%<5 Skin Irrit. 2 - H315 : 0.5>=%<2 Eye Irrit. 2 - H319 : 0.5>=%<2
sodium hypochlorite, solution ... % Cl active	CAS No. : 7681-52-9 Index No. : 017-011-00-1 EC No. : 231-668-3	0 - 5	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Dam. 1 - H318 Skin Corr. 1B - H314	EUH031 - : 5>=%<=100 M-factor: 10 / 1
potassium permanganate	CAS No. : 7722-64-7 Index No. : 025-002-00-9 EC No. : 231-760-3	0 - 2	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Ox. Sol. 2 - H272 Repr. 2 (H361d) - H361d	Not applicable

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

Following inhalation - Provide fresh air.  
- When in doubt or if symptoms are observed, get medical advice.



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## Beer and Pump Line Cleaner

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<u>Following skin contact</u>	<ul style="list-style-type: none"><li>- Wash immediately with: Water</li><li>- When in doubt or if symptoms are observed, get medical advice.</li></ul>
<u>After eye contact</u>	<ul style="list-style-type: none"><li>- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.</li></ul>
<u>After ingestion</u>	<ul style="list-style-type: none"><li>- Rinse mouth thoroughly with water.</li><li>- Do NOT induce vomiting.</li><li>- Seek medical advice immediately.</li></ul>

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

<u>Symptoms and effects - Following inhalation</u>	<ul style="list-style-type: none"><li>- There may be shortness of breath and irritation of the throat and chest.</li><li>- Exposure may cause coughing and wheezing.</li></ul>
<u>Symptoms and effects - Following skin contact</u>	<ul style="list-style-type: none"><li>- Causes skin irritation.</li><li>- Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.</li></ul>
<u>Symptoms and effects - After eye contact</u>	<ul style="list-style-type: none"><li>- Serious eye damage/eye irritation</li><li>- The following symptoms may occur: Impairment of vision</li></ul>
<u>Symptoms and effects - After ingestion</u>	<ul style="list-style-type: none"><li>- Burns may appear around the lips. Blood may be vomited. Bleeding may occur from the mouth/nose.</li><li>- There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.</li></ul>

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

- Eye bathing equipment should be available on site.
- Treat symptomatically.

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## SECTION 5: Firefighting measures

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### 5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none"><li>- ABC-powder</li><li>- Carbon dioxide (CO<sub>2</sub>)</li><li>- Foam</li><li>- Extinguishing powder</li></ul>
<u>Unsuitable extinguishing media</u>	<ul style="list-style-type: none"><li>- Full water jet</li></ul>

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

<u>Special hazards arising from the substance or mixture</u>	<ul style="list-style-type: none"><li>- Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.</li></ul>
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### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.



## Beer and Pump Line Cleaner

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

- Mark out the contaminated area with signs and prevent access to unauthorised access.
- Notify the police and fire brigade immediately in the case of large spills.
- Remove persons to safety.
- Use personal protection equipment.

##### For emergency responders

- No information available.

#### 6.2 - Environmental precautions

- Contain the spillage using bunding.
- Do not allow large spills to enter into surface water or drains.
- Ensure waste is collected and contained.

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

##### Methods and material for containment

- Clean-up should be dealt with only by qualified personnel familiar with the specific substance.
- Clear spills immediately.

##### Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

##### Inappropriate techniques

- No information available.

#### 6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

### SECTION 7: Handling and storage

#### 7.1 - Precautions for safe handling

##### Recommendation

- Avoid: Eye contact
- Avoid: Skin contact

##### Advices on general occupational hygiene

- No information available.

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

- Keep container tightly closed in a cool, well-ventilated place.
- Only use containers specifically approved for the substance/product.

#### 7.3 - Specific end use(s)

### SECTION 8: Exposure controls/personal protection

#### 8.1 - Control parameters

#### 8.2 - Exposure controls

## Beer and Pump Line Cleaner

Appropriate engineering controls - Ensure there is sufficient ventilation

Individual protection measures, such as personal protective equipment - Eye protection



- Protective Clothing  
- Protective gloves



### SECTION 9: Physical and chemical properties

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

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>		<u>Odour</u>	odourless
Odour threshold		No data available	
pH		12.8 < V < 13.5	
Melting point		No data available	
Freezing point		No data available	
Boiling point		> 100 °C	
Flash point		No data available	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		Soluble in water.	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		Non-viscous	
<u>Particle characteristics</u>			
Particle size		No data available	

#### 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available



## Beer and Pump Line Cleaner

Conductivity	No data available
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### SECTION 10: Stability and reactivity

#### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

#### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

#### 10.4 - Conditions to avoid

- Avoid direct sunlight.
- Avoid excessive heat for prolonged periods of time.

#### 10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

#### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

### SECTION 11: Toxicological information

#### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Skin corrosion, Category 1 - Causes severe skin burns and eye damage

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Risk of serious damage to eyes.
- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified



## Beer and Pump Line Cleaner

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

### 11.2 - Information on other hazards

## SECTION 12: Ecological information

### 12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Toxic to aquatic life with long lasting effects.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6 - Endocrine disrupting properties

### 12.7 - Other adverse effects

- No information available.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods



## Beer and Pump Line Cleaner

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.

### SECTION 14: Transport information

#### 14.1 - UN number or ID number

Not applicable

#### 14.2 - UN proper shipping name

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

#### 14.4 - Packing group

#### 14.5 - Environmental hazards

#### 14.6 - Special precautions for user

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

### SECTION 15: Regulatory information

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	No data available

#### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

### SECTION 16: Other information

#### SDS versions

Version	Issue date	Author	Description of the amendments
1	22/04/2022		

#### Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Eye Dam. 1	Serious eye damage, Category 1
H272	May intensify fire; oxidiser





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## Beer and Pump Line Cleaner

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H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H361d	Suspected of damaging the unborn child
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
Ox. Sol. 2	Oxidising solids - Category 2
Repr. 2 (H361d)	Reproductive toxicity - Category 2 (H361d)
Skin Corr. 1	Skin corrosion, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B

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