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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

- Product Name: Pipeline One-Shot Beer Line Cleaning Powder

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

- Use of the substance/mixture: Beer Line Cleaner

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

- Name of Supplier: Chemisphere UK Ltd
- Address of Supplier: Unit 7 - 8, Severnside Trading Estate  
Testilose Road  
Trafford Park  
Manchester  
M17 1WA
- Telephone: +44 (0) 161 874 7200
- Responsible Person: Wilfred Worsley
- Email: [safetydata@chemisphereuk.co.uk](mailto:safetydata@chemisphereuk.co.uk)

#### 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 776 724 8499

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### SECTION 2: Hazards identification

Contains: Potassium hydroxide

#### 2.1 Classification of the substance or mixture

- CLP: Acute Tox. 4, Skin Corr. 1A, Aquatic Chronic 2

#### 2.2 Label elements



GHS05



GHS09



GHS07

- Signal Word: Danger

#### Hazard statements

Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Toxic to aquatic life with long lasting effects.

#### Precautionary statements

Keep out of reach of children

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**SECTION 2: Hazards identification (....)**

Do not breathe dust/fume/gas/mist/vapours/spray.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Get medical advice/attention.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

If skin irritation occurs: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

**Supplemental Hazard information (EU)****2.3 Hazards identification**

- Not a PBT according to REACH Annex XIII
- Contact with acids liberates very toxic gas.

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**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Sodium carbonate**

CAS Number: 497-19-8

EC Number: 207-838-8

Concentration: 5 - 10%

Categories: Eye Irrit. 2

M factor:

Specific Concentration Limits:

Acute toxicity estimate:

Symbols: GHS07

H Statements: H319

**Potassium hydroxide**

CAS Number: 1310-58-3

EC Number: 215-181-3

Concentration: 40 - 80%

Categories: Met. Corr. 1, Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1

M factor:

Specific Concentration Limits: Skin Corr. 1A; H314:  $C \geq 5 \%$

Skin Corr. 1B; H314:  $2 \% \leq C < 5 \%$

Skin Irrit. 2; H315:  $0,5 \% \leq C < 2 \%$

Eye Irrit. 2; H319:  $0,5 \% \leq C < 2 \%$

Acute toxicity estimate:

### **SECTION 3: Composition/information on ingredients (....)**

Symbols: GHS05;GHS07  
H Statements: H290, H302, H314

#### **Potassium permanganate**

CAS Number: 7722-64-7  
EC Number: 231-760-3  
Concentration: < 1%  
Categories: Ox. Sol. 2, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1  
M factor:  
Specific Concentration Limits:  
Acute toxicity estimate:  
Symbols: GHS03;GHS07;GHS09  
H Statements: H272;H302;H400;H410

#### **Sodium dishloroisocyanurate**

CAS Number: 2893-78-9  
EC Number: 220-767-7  
Concentration: 10 - 30%  
Categories: Ox. Sol. 2, Acute Tox. 4, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1  
M factor:  
Specific Concentration Limits:  
Acute toxicity estimate:  
Symbols: GHS03, GHS07, GHS09  
H Statements: H272, H302, H319, H335, H400, H410

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### **SECTION 4: First aid measures**

#### **4.1 Description of first aid measures**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

##### **Contact with eyes**

Causes severe burns  
Risk of serious damage to eyes  
May cause permanent damage if eye is not immediately irrigated.

##### **Ingestion**

Causes severe burns  
May cause damage to the digestive tract if swallowed

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## **SECTION 4: First aid measures (....)**

Harmful if swallowed

### **Inhalation**

Corrosive to the respiratory tract.  
Can cause damage to the respiratory system  
Harmful if inhaled.

### **Contact with skin**

Corrosive to skin  
Causes severe burns

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

- If medical advice is needed, have product container or label at hand.
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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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

- May give off noxious and toxic fumes in a fire
- In a fire this product will release oxides of carbon.

### **5.3 Advice for firefighters**

- Wear chemical protection suit and breathing apparatus
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## **SECTION 6: Accidental release measures**

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

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation

### **6.2 Environmental precautions**

- Do not discharge into drains or the environment, dispose to an authorised waste collection point

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

- Collect as much as possible in clean container for reuse or disposal
- Flush spill area with copious amounts of water

### **6.4 Reference to other sections**

- Wear protective clothing as per section 8
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## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

- Wear protective gloves/protective clothing/eye protection/face protection.
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## SECTION 7: Handling and storage (....)

- Avoid contact with skin and eyes
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Do not mix with any other products
- Proper chemicals handling procedures should be adopted
- Handle and open container with care
- Ensure adequate ventilation
- Dispose of contents to a hazardous or special waste collection point
- Wash hands and working surfaces thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Never add water to this product
- Dilute with a large volume of water

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

- Keep locked up and out of reach of children
- Protect from sunlight.
- Keep in a cool, dry, well ventilated place
- Incompatible with oxidizing substances
- Incompatible with acid
- Protect from moisture.
- Keep away from heat, light and moisture

### 7.3 Specific end use(s)

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Sodium carbonate

DNEL (Industry; inhalational, long term local effects): 10 mg/m<sup>3</sup>

#### Potassium permanganate

DNEL (Consumer; inhalational, long term systemic effects): 0.039 mg/m<sup>3</sup>

DNEL (Industry; inhalational, long term systemic effects): 0.218 mg/m<sup>3</sup>

### 8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.



Gloves



Goggles

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: powder, white
  - Odour: Slight smell of chlorine
  - pH: > 12
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## SECTION 9: Physical and chemical properties (....)

- Density: 1.20 g/cm<sup>3</sup> at 20 °C
- Physical state: solid
- Conductivity: Not available
- Solubility in water: Soluble in water
- Flammability: Not flammable

### 9.2 Other information

- No information available
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- Reacts with acid
- Reacts with strong oxidizing substances

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Keep away from heat, light and moisture

### 10.5 Incompatible materials

- Avoid contact with acid
- Avoid contact with oxidising substances
- Avoid contact with combustible material
- Avoid contact with aluminium
- Avoid contact with copper
- Avoid contact with tin
- Avoid contact with zinc

### 10.6 Hazardous decomposition products

- No hazardous decomposition products known
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## SECTION 11: Toxicological information

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

#### Acute toxicity

##### Sodium carbonate

- LD<sub>50</sub> (oral, rat): 2800 mg/kg
- LD<sub>50</sub> (dermal) : 2000 mg/kg
- LC<sub>50</sub> (inhalation, rat): 2300 mg/l

##### Potassium permanganate

## **SECTION 11: Toxicological information (....)**

LD<sub>50</sub> (oral, rat): > 2000 mg/kg  
LD<sub>50</sub> (dermal) : > 2000 mg/kg  
LC<sub>50</sub> (inhalation, rat): No information available

### **Skin corrosion/irritation**

Causes severe burns

### **Serious eye damage/irritation**

Causes serious eye damage.

### **Respiratory or skin sensitisation**

Not available

### **Germ cell mutagenicity**

Not available

### **Carcinogenicity**

Not available

### **Reproductive toxicity**

Not available

### **STOT (specific target organ toxicity) - single exposure**

Not available

### **STOT (specific target organ toxicity) - repeated exposure**

Not available

### **Aspiration hazard**

Not available

### **11.2 Information on other hazards**

- No information available

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Sodium carbonate**

EC<sub>50</sub> (daphnia): 265 mg/l (48 hr)  
LC<sub>50</sub> (fish): 300 mg/l (96 hr)

#### **Potassium hydroxide**

EC<sub>50</sub> (daphnia): 40-240 mg/l (48 hr)  
LC<sub>50</sub> (fish): 80 mg/l (96 hr)

#### **Potassium permanganate**

## SECTION 12: Ecological information (....)

IC<sub>50</sub> (algae): 0.43 mg/l (72 hr)  
EC<sub>50</sub> (daphnia): 0.15 mg/l (48 hr)  
LC<sub>50</sub> (fish): 1.51 mg/l (96 hr)

### Sodium dishloroisocyanurate

LC<sub>50</sub> (fish): 0.38 mg/l (96 hr)

#### 12.2 Persistence and degradability

- Not readily biodegradable

#### 12.3 Bioaccumulative potential

- No information available

#### 12.4 Mobility in soil

- Soluble in water

#### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

#### 12.6 Endocrine disrupting properties

- None known

#### 12.7 Other adverse effects

- No information available
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## SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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## SECTION 14: Transport information



Corrosive



Environmentally hazardous

#### 14.1 UN number or ID number

- UN No.: 3262

#### 14.2 UN proper shipping name

- Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (Potassium hydroxide)

#### 14.3 Transport hazard class(es)

- Hazard Class: 8

#### 14.4 Packing group

## **SECTION 14: Transport information (....)**

- Packing Group: II

### **14.5 Environmental hazards**

- Marine Pollutant
- Environmentally hazardous

### **14.6 Special precautions for user**

- Identification Number: 80
- IMDG EmS: F-A, S-B
- Tunnel Code: (E)
- Contains: Potassium Hydroxide

### **14.7 Emergency Action Code**

- 2X

### **14.8 Maritime transport in bulk according to IMO instruments**

- Not applicable
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## **SECTION 15: Regulatory information**

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

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

### **15.2 Chemical safety assessment**

- A chemical safety assessment (CSA) for this product has not yet been completed
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## **SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-  
H272: May intensify fire; oxidiser. H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---

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