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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 Gold Powder
- Product Part Number: D-PLGPP

#### 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

#### 2.1 Classification of the substance or mixture

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

#### 2.2 Label elements



GHS05



GHS07

- Signal Word: Danger

#### Hazard statements

Causes severe skin burns and eye damage.  
Harmful if swallowed.

#### Precautionary statements

Keep out of reach of children  
Do not breathe dust/fume/gas/mist/vapours/spray.

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

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)

Contains: Potassium hydroxide

### 2.3 Hazards identification

- Not a PBT according to REACH Annex XIII

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### 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:  
Acute toxicity estimate:  
Symbols: GHS05;GHS07  
H Statements: H290, H302, H314

#### B-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIVS., DISODIUM SALTS

CAS Number: 90170-43-7  
EC Number: 290-476-8  
Concentration: 10-20%  
Categories: Eye Irrit. 2  
M factor:  
Specific Concentration Limits:  
Acute toxicity estimate:  
Symbols: GHS07  
H Statements: H319  
REACH Registration Number: 2119976233-35-XXXX

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

#### Sodium hydroxide

CAS Number: 1310-73-2  
EC Number: 215-185-5  
Concentration: <1%  
Categories: Met. Corr. 1, Skin Corr. 1A, Eye Dam. 1  
M factor:  
Specific Concentration Limits:  
Acute toxicity estimate:  
Symbols: GHS05  
H Statements: H290,H314, H318

#### SODIUM (xylenes and 4-ethylbenzene) sulfonate

CAS Number:  
EC Number: 701-037-1  
Concentration: 5-10%  
Categories: Eye Irrit. 2  
M factor:  
Specific Concentration Limits:  
Acute toxicity estimate:  
Symbols: GHS07  
H Statements: H319  
REACH Registration Number: 01-2119513350-56-0008

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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  
Harmful if swallowed

##### Inhalation

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

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

### 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.

### 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
- 

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

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

- Ensure adequate ventilation
- Dispose of contents/container to an authorised 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 only in original packaging.
- Keep in a cool, dry, well ventilated place
- Avoid contact with aluminium, zinc, copper and tin
- 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

#### B-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIVS., DISODIUM SALTS

DNEL (Industry; inhalational, long term local effects): 980 mg/m<sup>3</sup>

DNEL (Industry; dermal, long term systemic effects): 2.67 mg/kg

#### Sodium hydroxide

WEL (short term): 15 minutes 2 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: Odourless
  - pH: 11.8
  - Density: 1.4 g/cm<sup>3</sup> at 20 °C
  - Conductivity: Not available
  - Solubility in water: Soluble in water
  - Flammability: Not flammable
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## SECTION 9: Physical and chemical properties (....)

- Physical state: solid

### 9.2 Other information

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

### 10.1 Reactivity

- May be corrosive to metals.
- Reacts with metals liberating hydrogen

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Contact with acid may form toxic gases

### 10.4 Conditions to avoid

- Keep away from heat, light and moisture

### 10.5 Incompatible materials

- Avoid contact with alkalis (strong bases)
- Avoid contact with oxidising substances
- Avoid contact with aluminium, zinc, copper and tin
- Reacts with strong oxidizing substances
- Avoid contact with acid

### 10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
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## SECTION 11: Toxicological information

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

#### Acute toxicity

- Estimated LD<sub>50</sub> (oral) (ATE) : 854.7009 mg/kg
- Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg
- Estimated LD<sub>50</sub> (inhalational) (ATE) : >5 mg/l/4hr (dust/mist)

#### Skin corrosion/irritation

Causes severe burns

#### Serious eye damage/irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

Corrosive to the respiratory tract.  
Harmful if inhaled.

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

### Germ cell mutagenicity

Not available

### Carcinogenicity

No information available

### Reproductive toxicity

No information 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

- Not available

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Potassium hydroxide

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

LC<sub>50</sub> (fish): 80 mg/l (96 hr)

#### B-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIVS., DISODIUM SALTS

IC<sub>50</sub> (algae): 9.4 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 29 mg/l (48 hr)

LC<sub>50</sub> (fish): 4.2 mg/l (96 hr)

#### B-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIVS., DISODIUM SALTS

PNEC (Fresh water): 0.1 mg/l

PNEC (intermittent): 0.1 mg/l

PNEC (Marine water): 0.01 mg/l

PNEC (STP): 0.3 mg/l

#### Sodium hydroxide

LC<sub>50</sub> (fish): 45.4 mg/l (96 hr)

#### SODIUM (xylenes and 4-ethylbenzene) sulfonate

EC<sub>50</sub> (daphnia): 1000 mg/l (48 hr)

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

LC<sub>50</sub> (fish): <1000 mg/l (96 hr)

### Sodium gluconate

EC<sub>50</sub> (daphnia): 5000 mg/l (48 hr)

LC<sub>50</sub> (fish): 10000 mg/l (96 hr)

### 12.2 Persistence and degradability

- Not readily biodegradable

### 12.3 Bioaccumulative potential

- Bioaccumulation is insignificant

### 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

### 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.

### 14.3 Transport hazard class(es)

- Hazard Class: 8

### 14.4 Packing group

- Packing Group: II

### 14.5 Environmental hazards



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

- None assigned

**14.6 Special precautions for user**

- Contains: Potassium hydroxide

**14.7 Emergency Action Code**

- 2W

**14.8 Sea (IMDG)**

**14.9 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:-  
H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation.**

**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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