
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Pipeline Purple Professional Beer Line Cleaning Powder
- UFI: PKKW-HG5M-6AA7-92SJ
- Product Part Number: D-PPPBLCP

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

- Use of the substance/mixture: Beer Line Cleaner
- Use advised against: Use only for the recommended application.

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

1.4 Emergency telephone number

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

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



- Signal Word: Danger

Hazard statements

- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

SECTION 2: Hazards identification (....)

Keep out of reach of children
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 - Get medical advice/attention.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P313 - Get medical advice/attention.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P313 - Get medical advice/attention.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P101 - If medical advice is needed, have product container or label at hand.
Contains: Potassium hydroxide

Supplemental Hazard information (EU)

Contains: Potassium hydroxide
EUH031 - Contact with acids liberates toxic gas.

2.3 Hazards identification

- Not a PBT according to REACH Annex XIII

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: None assigned
Acute toxicity estimate:
Symbols: GHS07
H Statements: H319

Potassium hydroxide

CAS Number: 1310-58-3
EC Number: 215-181-3
Concentration: 40 - 80%
Categories: Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; Met. Corr. 1
M factor:

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

Specific Concentration Limits: Skin Corr. 1A; H314: C ≥ 5 %
Skin Corr. 1B; H314: 2 % ≤ C < 5 %
Skin Irrit. 2; H315: 0,5 % ≤ C < 2 %
Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %

Acute toxicity estimate:

Symbols: GHS05,GHS07

H Statements: H290,H302,H314,H318

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: 10;10

Specific Concentration Limits: None assigned

Acute toxicity estimate:

Symbols: GHS03,GHS05,GHS09,GHS07,GHS08

H Statements: H272,H302,H314,H318,H361d,H373,H400,H410

M factor, acute: 10

Sodium dishloroisocyanurate

CAS Number: 2893-78-9
EC Number: 220-767-7
Concentration: 10 - 30%
Categories: Acute Tox. 4; Eye Irrit. 2; Resp. Sens. 1; Aquatic Acute 1;
Aquatic Chronic 1; Ox. Sol. 2

M factor:

Specific Concentration Limits: None assigned

Acute toxicity estimate:

Symbols: GHS03,GHS08,GHS09

H Statements: H272,H302,H319,H334,H335,H410,H400

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

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

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

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.

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

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
- Collect spillage.

6.4 Reference to other sections

SECTION 6: Accidental release measures (....)

- 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
- Ensure adequate ventilation
- Do not wear contact lenses when working with this material
- Dispose of contents/container to an authorised waste collection point
- Contact with acids liberates very toxic gas.
- 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.
- Store locked up.
- 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)

- Beer line cleaning.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Sodium carbonate

DNEL (Industry; inhalational, long term local effects): 10 mg/m³
DNEL (Consumer; inhalational, short term local effects): 5 mg/m³

Potassium hydroxide

WEL (short term): 2 mg/m³
DNEL (Industry): 1 mg/m³
DNEL (Consumer): 1 mg/m³
DNEL (Consumer; inhalational, long term systemic effects): 0.039 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 0.218 mg/m³

SECTION 8: Exposure controls/personal protection (....)

Potassium permanganate

WEL (short term): 2 mg/m³

DNEL (Industry): 1 mg/m³

DNEL (Consumer): 1 mg/m³

DNEL (Consumer; inhalational, long term systemic effects): 0.039 mg/m³

DNEL (Industry; inhalational, long term systemic effects): 0.218 mg/m³

Sodium dishloroisocyanurate

DNEL (Consumer; dermal, long term systemic effects): 1.15 mg/kg

DNEL (Industry; dermal, long term systemic effects): 2.3 mg/kg

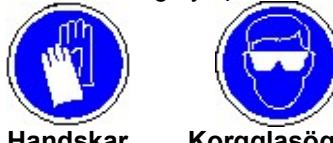
DNEL (Consumer; oral, long term systemic effects): 1.15 mg/kg

DNEL (Consumer; inhalational, long term systemic effects): 1.99 mg/m³

DNEL (Industry; inhalational, long term systemic effects): 8.11 mg/m³

8.2 Exposure controls

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



Handskar Korgglasögon

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
- Density: 1.20 g/cm³ at 20 °C
- Conductivity: Not available
- Solubility in water: Soluble in water
- Flammability: Not flammable
- Physical state: solid
- Flash point - not known
- Evaporation rate - not known
- Melting point - not applicable
- Viscosity - not known

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- Reacts with acid
- Reacts with strong oxidizing substances

SECTION 10: Stability and reactivity (....)

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

SECTION 11: Toxicological information

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

Acute toxicity

Estimated LD₅₀ (oral) (ATE) : 783.024 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LC₅₀ (inhalational) (ATE) : >5 mg/l/4hr (dust/mist)

Sodium carbonate

LD₅₀ (oral, rat): 2800 mg/kg

LD₅₀ (dermal) : 2000 mg/kg

LC₅₀ (inhalation, rat): 2300 mg/l

Potassium hydroxide

LD₅₀ (oral, rat): 333.00 mg/kg

LD₅₀ (dermal) : > 2000 mg/kg

LC₅₀ (inhalation, rat): No information available

Potassium permanganate

LD₅₀ (oral, rat): =750 mg/kg

LD₅₀ (dermal) : > 2000 mg/kg

LC₅₀ (inhalation, rat): No information available

Sodium dishloroisocyanurate

LD₅₀ (oral, rat): 1823 mg/kg

SECTION 11: Toxicological information (....)

LD₅₀ (dermal) : > 5000 (rat) mg/kg
LC₅₀ (inhalation, rat): 0.27 - 1.17 mg/l
LD₅₀ (oral, mouse): 992 mg/kg

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

SECTION 12: Ecological information

12.1 Toxicity

Sodium carbonate

IC₅₀ (algae): 300 mg/l (72 hr)
EC₅₀ (daphnia): 265 mg/l (48 hr)
LC₅₀ (fish): 300 mg/l (96 hr)

Potassium hydroxide

EC₅₀ (daphnia): 40-240 mg/l (48 hr)
LC₅₀ (fish): 80 mg/l (96 hr)

SECTION 12: Ecological information (....)

Potassium permanganate

IC₅₀ (algae): 1.51 mg/l (72 hr)
EC₅₀ (daphnia): 0.15 mg/l (48 hr)
LC₅₀ (fish): 0.43 mg/l (96 hr)

Sodium dishloroisocyanurate

IC₅₀ (algae): 0.38 mg/l (72 hr)
LC₅₀ (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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

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. (CONTAINS POTASSIUM HYDROXIDE)

14.3 Transport hazard class(es)

SECTION 14: Transport information (....)

- Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Marine Pollutant
- Environmentally hazardous

14.6 Special precautions for user

- ADR Classification Code: C6
- Identification Number: 80
- IMDG EmS: F-A, S-B
- Tunnel Restriction Code: 2 (E)
- Tunnel Tank Restriction Codes: SGAN L4BN

14.7 Emergency Action Code

- 2X

14.8 Maritime transport in bulk according to IMO instruments

- Not applicable

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 Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

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. H318: Causes serious eye damage. H319: Causes serious eye irritation. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H361d: Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure. 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

SECTION 16: Other information (....)

combination with any other materials or in any other process.

--- end of safety datasheet ---
