
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Super Oven Cleaner
- Product Part Number: K-SOCO

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

- Use of the substance/mixture: Oven 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
Textilose Raod, 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

2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1A

2.2 Label elements



GHS05

- Signal Word: Danger

Hazard statements

H314 - Causes severe skin burns and eye damage.

Precautionary statements

P102 - Keep out of reach of children.
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.

SECTION 2: Hazards identification (....)

P313 - Get medical advice/attention.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314 - Get medical advice/attention if you feel unwell.

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)

None

2.3 Hazards identification

GHS05

- Not a PBT according to REACH Annex XIII

SECTION 3: Composition/information on ingredients**3.2 Mixtures****C6 Alkyl glucoside**

CAS Number: 54549-24-5

EC Number: 259-217-6

Concentration: 1-5%

Categories: Eye Dam. 1

M factor:

Specific Concentration Limits:

Acute toxicity estimate:

Symbols: GHS05

H Statements: H318

REACH Registration Number: 01-2119492545-29

2-Ethylhexanol ethoxylate

CAS Number: 26468-86-0

EC Number:

Concentration: <1%

Categories: Eye Irrit. 2

M factor:

Specific Concentration Limits:

Acute toxicity estimate:

Symbols:

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

H Statements: H319

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

CAS Number: 51981-21-6

EC Number: 257-573-7

Concentration: <1%

Categories: Met. Corr. 1

M factor:

Specific Concentration Limits:

Acute toxicity estimate:

Symbols: GHS05

H Statements: H290

Potassium hydroxide

CAS Number: 1310-58-3

EC Number: 215-181-3

Concentration: 10-30%

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

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

Causes damage to the digestive tract if swallowed

Inhalation

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

Corrosive to the respiratory tract.
Can cause damage to the respiratory system

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

5.3 Advice for firefighters

- Wear chemical protection suit and breathing apparatus

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

- For large spills: Do not allow product to enter drains. For small spills: Flush down the drain with plenty of water.

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up

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 vapour/fumes
- Do not mix with any other products
- Proper chemicals handling procedures should be adopted
- Handle and open container with care
- Ensure adequate ventilation

SECTION 7: Handling and storage (....)**7.2 Conditions for safe storage, including any incompatibilities**

- Keep locked up and out of reach of children
- Keep only in the original container in a cool, well ventilated place
- Protect from sunlight.

7.3 Specific end use(s)

- Cleaning ovens.
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****C6 Alkyl glucoside**

DNEL (Consumer; dermal, long term systemic effects): 357000 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 124 mg/m³
DNEL (Industry; dermal, long term systemic effects): 595000 mg/kg
DNEL (Industry; inhalational, long term systemic effects): 420 mg/m³
DNEL (oral): 35.7 mg/kg

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

DNEL (Industry; inhalational, short term local effects): 55 mg/m³
DNEL (Industry; inhalational, short term systemic effects): 55 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 7.3 mg/m³
DNEL (Industry; dermal, long term systemic effects): 15000 mg/kg bw/day
DNEL (Consumer; inhalational, long term systemic effects): 1.8 mg/m³
DNEL (Consumer; dermal, long term systemic effects): 7500 mg/kg bw/day
DNEL (oral): 1.5 mg/kg bw/day

Potassium hydroxide

WEL (short term): 2 mg/m³
DNEL (Industry): 1 mg/m³
DNEL (Consumer): 1 mg/m³

8.2 Exposure controls

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

**Gloves****Goggles**

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Appearance: Liquid, pale yellow
- Odour: Odourless

SECTION 9: Physical and chemical properties (....)

- pH: 12-13%
- Density: 1.107 g/cm³ at 20 °C
- Conductivity: Not available
- Solubility in water: Soluble in water
- Flammability: Not flammable
- Physical state: liquid
- Flashpoint: not available

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- Reacts with acid

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 aluminium
- Avoid contact with zinc
- Avoid contact with tin
- Avoid contact with copper

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**

Estimated LD₅₀ (oral) (ATE) : 3690.037 mg/kg
Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg
Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

C6 Alkyl glucoside

LD₅₀ (oral, rat): > 2000 mg/kg
LD₅₀ (dermal, rabbit): > 2000 mg/kg

SECTION 11: Toxicological information (....)**2-Ethylhexanol ethoxylate**

LDLo (oral) : > 2000 mg/kg

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamateLD₅₀ (oral) : > 2000 mg/kgLD₅₀ (dermal) : > 2000 mg/kg**Potassium hydroxide**LD₅₀ (oral, rat): 333.00 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 applicable

11.2 Information on other hazards

- No information available

SECTION 12: Ecological information**12.1 Toxicity****C6 Alkyl glucoside**IC₅₀ (algae): >100 mg/l (72 hr)EC₅₀ (daphnia): >100 mg/l (48 hr)

SECTION 12: Ecological information (....)

LC₅₀ (fish): >100 mg/l (96 hr)

2-Ethylhexanol ethoxylate

IC₅₀ (algae): 1-10 mg/l (72 hr)

EC₅₀ (daphnia): 1-10 mg/l (48 hr)

LC₅₀ (fish): 10-100 mg/l (96 hr)

Potassium hydroxide

EC₅₀ (daphnia): 40-240 mg/l (48 hr)

LC₅₀ (fish): 80 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

14.1 UN number or ID number

- UN No.: 3266

14.2 UN proper shipping name

- Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

14.3 Transport hazard class(es)

SECTION 14: Transport information (....)

- Hazard Class: 8

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- None assigned

14.6 Special precautions for user

- Contains: Potassium hydroxide

14.7 Emergency Action Code

- 2R

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 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
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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 ---
