

SAFETY DATA SHEET

Compilation date: 10/12/2022

Revision: 9

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product form: Mixture
Trade name: Oven Cleaner
Product group: Trade product
Product code: A071A

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

1.2.1 Relevant identified uses

Main use category: Professional use
Function or use category: Washing and cleaning products (including solvent based products).
Alkaline Cleaner and Degreaser for Ovens and Grills. Suitable for use in the food Industry.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company Name: Spearhead
4 Symington Place
Riverside Business Park
Irvine
KA11 5DE
Tel: 0345 180 1800
Email: sales@spearheadhealthcare.com

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No. 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720.

Skin Corr. 1A – H314, Eye Dam. 1 - H318

2.2 Label elements

Hazard Pictograms (CLP):



Signal word (CLP):

Danger.

Hazard statements (CLP):

H314 Causes severe skin burns and eye damage.

Precautionary statements:

P102 Keep out of reach of children.

P260 Do not breathe mist.

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.

P315 Get immediate medical advice/ attention.
P501 Dispose of contents/ container in accordance with local regulations.
SODIUM HYDROXIDE

Contains:

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS No./ EC No.	Classification	Conc (%)
SODIUM HYDROXIDE	1310-73-2 215-185-5	Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318	10 - 15%
SODIUM (C12-14) ALKYL ETHOXY SULPHATE	68891-38-3 500-234-8	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	1 - 3%
TALLOWBIS(2-HYDROXYETHYL)AMINE OXIDE	61791-46-6 263-179-6	Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	0.1 - 1%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact:	Wash with plenty of water. Get medical attention promptly if symptoms occur after washing.
Eye contact:	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

General information:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation:	Irritation of nose, throat and airway.
Ingestion:	May cause chemical burns in mouth and throat.
Skin contact:	Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.
Eye contact:	Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor:	Treat symptomatically.
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5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards:

Irritating gases or vapours.

5.3. Special protective equipment:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions:

Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8.

6.2. Environmental precautions:

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and clean-up:

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

For personal protection, see Section 8.

7. HANDLING & STORAGE

7.1. Precautions for safe handling:

Usage precautions: Wear protective clothing, gloves, eye and face protection.

7.2 Conditions for safe storage, including any incompatibilities:

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials:
Oxidising materials and Acids.

7.3. Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2.
Usage description: See Product Information Sheet & Label for detailed use of this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit.

8.2. Exposure controls

Appropriate engineering controls: Not relevant.
Eye/face protection: Wear chemical splash goggles or face shield.
Hand protection: Wear protective gloves. (Household rubber gloves.)
Other skin and body protection: Wear appropriate clothing to prevent any possibility of skin contact.
Respiratory protection: Respiratory protection not required.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Viscous liquid.
Colour: Clear. Yellow.
Odour: Characteristic.
pH pH (concentrated solution): 13.80

Melting point:	-3°C
Initial boiling point and range:	102°C @ 760 mm Hg
Flash point:	Boils without flashing.
Flammability (solid, gas):	Not applicable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	1.109 @ 20°C
Solubility(ies):	Soluble in water.
Partition coefficient:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not applicable.
Viscosity:	Not available.

10. STABILITY & REACTIVITY

10.1. Reactivity:	Reactions with the following materials may generate heat: Strong acids.
10.2. Chemical stability:	No particular stability concerns.
10.3. Possibility of hazardous reactions:	See sections 10.1, 10.4 & 10.5.
10.4. Conditions to avoid:	There are no known conditions that are likely to result in a hazardous situation.
10.5. Incompatible materials:	Strong acids. Aluminium, Tin, Zinc and their alloys.
10.6. Hazardous decomposition products:	No known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

<u>Acute toxicity - oral</u>	
Summary	Not applicable.
<u>Acute toxicity – dermal</u>	
Summary	Not applicable.
<u>Acute toxicity - inhalation</u>	
Summary	Not applicable.
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Causes severe burns.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye damage.
<u>Respiratory sensitisation</u>	
Summary	Not applicable.
<u>Skin sensitisation</u>	
Summary	Not applicable.
<u>Germ cell mutagenicity</u>	
Summary	Not applicable.
<u>Carcinogenicity</u>	
Summary	Not applicable.
<u>Reproductive toxicity</u>	
Summary	Not applicable.
<u>Specific target organ toxicity - single exposure</u>	
Summary	Not applicable.
<u>Specific target organ toxicity - repeated exposure</u>	
Summary	Not applicable.
<u>Aspiration hazard</u>	
Summary	Not applicable.

11.2 Information on other	None known
Hazards 11.2.1 Endocrine disrupting properties	


12. ECOLOGICAL INFORMATION

Ecotoxicity	Potentially hazardous due to the alkalinity of the product.
12.1. Toxicity	
Toxicity	We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.
12.2. Persistence and degradability	
Persistence and degradability	The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".
12.3. Bioaccumulative potential	
Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
Partition coefficient	Not applicable.
12.4. Mobility in soil	
Mobility	Not known.
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6 Endocrine disrupting properties	
None known.	
12.6. Other adverse effects	
Other adverse effects	Now section 12.7: None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
Disposal methods	Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14. TRANSPORT INFORMATION

General	750ml As supplied, this product is consigned under the Limited Quantities provisions.
14.1. UN number	
UN No. (ADR/RID)	1719
UN No. (IMDG)	1719
UN No. (ICAO)	1719
14.2. UN proper shipping name	
Proper shipping name (ADR/RID)	CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide solution)
Proper shipping name (IMDG)	CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide solution)
Proper shipping name (ICAO)	CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide solution)
14.3. Transport hazard class(es)	
ADR/RID class	Class 8: Corrosive substances.
ADR/RID label	8
IMDG class	Class 8: Corrosive substances.
ICAO class/division	Class 8: Corrosive substances.
<u>Transport labels</u>	
	
14.4. Packing group	
ADR/RID packing group	II
IMDG packing group	II

ICAO packing group

II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user

EmS

F-A, S-B

Tunnel restriction code

(E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not relevant for a packaged product.

Annex II of MARPOL 73/78

and the IBC Code

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".
Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

16. OTHER INFORMATION

Abbreviations and acronyms
used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
ATE: Acute Toxicity Estimate.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG: International Maritime Dangerous Goods.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.
GHS: Globally Harmonized System.
Spec Conc Limits = Specific Concentration Limits.

Classification abbreviations
and acronyms

Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Eye Dam. = Serious eye damage
Met. Corr. = Corrosive to metals
Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation

Key literature references and
sources for data

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

Classification procedures
according to SI 2019 No. 720
Revision comments

Calculation Method.
Changed UN No & Proper Shipping Name in Transport section (Changes made to section 14+16) Also - New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2020/878

Revision date	(which amends Regulation (EC) No 453/2010 & 1907/2006). - No change in Product Classification. (Changes made to sections 2,3,9,11,12,15+16) 10/12/2022
Revision	9
SDS status	The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.
Hazard statements in full	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.