



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

1. Product identifier

Trade Name: KILROCK OVEN CLEANER

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

Identified uses : Cleaning Ovens

Uses advised against : uses other than those are not are not recommended

3. Details of the supplier of the safety data sheet

Kilrock Products Ltd
Unit 1b Alma Road Industrial Estate
Chesham
Bucks
HP5 3HB

Telephone number : +441494 793900

Contact Person : Joe Puttick

4. Emergency telephone number

: +441494 79390 (Office hours)

NOTE: This number is only available during the following office hours: **0800 to 1700 Monday to Friday**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Danger

2.1.2 Classification according to Directive 1999/45/EC



2.1.3 Additional information

Most important adverse effects: Serious irritation to eyes & skin.

For full text of EU Hazard- statements: See SECTION 16

2.2 Label elements

2.2.1 Labelling according with Regulation (EC) No 1272/2008 (CLP)

Pictograms		
Signal Word	DANGER	
Hazard Statements	H314 Category 1A eye :Skin Corrosion; Causes severe skin burns and damage.	
	H318 Eye Dam. 1 :Causes serious eye damage.	
	H319 Category 2 : Causes serious eye irritation.	
Precautionary Statements	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P303+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310	Immediately call a POISON CENTER or doctor / physician.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P363	Wash contaminated clothing before reuse.
	P501	Dispose of contents/container in accordance with local/regional/national regulation.

2.2.2 Labelling according to Directive 1999/45/EC

N/A

See SECTION 16.

2.3 Other hazards

This mixture does not contain any substances that are assessed to be PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description of the mixture:**

A mixture based on Sodium Hydroxide in anionic, amphoteric surfactants.

Hazardous ingredients:

CAS No.	EC No.	Index No.	REACH Registration No.	% (weight)	Name	Classification according to Regulation (EC) No. 1278/2008 (CLP)	Classification according to 67/548/EEC
1310-73-2	215-185-5	011-002-00-6	01-2119457892-27-xxxx	10 – 25	Sodium Hydroxide	. DANGER . H314: Causes severe skin burns and eye damage. . Skin corrosion.	N/A
90170-43-7	290-476-8			< 1	Beta-Alanine,N-(Carboxyrthyl)-,N-Coco alkylderivs., disodium salts	. H319 Serious Eye Irritation. 2	
				1.0 – 5.0	Disodium cocoampho-diacetate	. H318 Causes serious eye damage	
102783-14-2				1.0 – 5.0	Sodium Alkyl C10-18, Ether Sulfate	. H318 Eye Dam.1; . H315 Skin Irrit. 2	

N/A – Not applicable

The Full text for all R-Phrases and Hazards Statements are stated in Section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****First aid measures****Inhalation :**

If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion :

DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Skin contact :

Immediately: Remove contaminated clothing and shoes. Wash contaminated skin with soap and plenty of water. Continue to rinse for at least 10 minutes. Get medical attention. Irritating to skin and may cause redness and pain.

Eye contact :

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention. Irritating to eyes and may cause redness and pain.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Inhalation :

Move person to fresh air at once. If not breathing give artificial respiration. Get medical attention.

Ingestion : NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately if any discomfort continues.

Skin :

Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation persists.

Eyes :

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

See SECTION 11 for more detailed information on health effects and symptoms.

4.3 Indications of any immediate medical attention and special treatment needed

Skin contact

Prolonged contact may cause redness, irritation and skin burn.

Eye contact

Irritating and may cause redness and pain and may lead to serious irritation.

Notes to physician :

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Show this Safety Data Sheet to the doctor in attendance.

Protection of first aid personnel

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

SECTION 5: *Fire fighting measures*

5.1 Extinguishing media

Suitable :

This product is not flammable. Use water spray, fog or foam. Use an extinguishing agent suitable for the surrounding fire.

Not suitable :

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products: Sodium oxides

In combustion emits toxic fumes; may liberate carbon oxides and other toxic gases or vapours.

5.3 Advice for fire fighters

Special precautions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Keep run-off water out of sewers and water sources. Prevent for water control & accumulation.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency Procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8). Avoid breathing vapour or mist. Beware of slippery floors and surfaces.

6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Collect and dispose as indicated in section 13.

6.3 Methods and materials for containment and cleaning up

Small spill :

Move containers from spill area. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Absorb in vermiculite, dry sand or earth and place it in a waste disposal container. Flush area with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

Large spill :

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according with local regulations. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see section 8). Provide good ventilation. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: *Exposure controls/personal protection*

8.1 Components with workplace control parameters

Component	CAS No.	Value	Control Measures	Basis
Sodium Hydroxide	1310-73-2	STEL	2mg.m3	UK EH40 WEL – Workplace Exposure Limits
Remarks		1mg/m3	Where no specific short-term exposure limit is listed, a figure 3x the long-term exposure should be used.	

United Kingdom (UK) WEL : Workplace Exposure Limits

Exposure Controls

Protective equipment



Engineering measures

Provide adequate ventilation

Respiratory equipment

Respiratory protection not required

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber, are recommended. Simple Design for minimal risk.

Eye protection.

Wear approved, tight fitting safety glasses where splashes are probable. EN166

Other Protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene Measures

When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Use appropriate cream to prevent drying of skin.

Environmental Exposures Controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk.

Derived No-Effect Levels' (DNEL's) and Predicted No-Effect Concentrations' (PNEC's)

DNELS No information available.

PNECS No information available.

8.2 Exposure controls**Hygiene measures:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Ensure that there is sufficient ventilation of the area.

Eye and face protection

Avoid contact with eyes.

Skin protection

Wear chemical protective gloves according to DIN EN 374 with CE-labelling. Suitable materials include Nitrile rubber, NBR. Gloves for mechanical protection do not provide protection against chemicals.

Wear protective clothing.

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

Appearance	Clear liquid.
Physical state Colour	
Odour	Odourless.
Odour threshold	Not applicable.
pH	> 12
Melting Point	Not applicable
Initial boiling point and boiling range	Approximately 100°C
Flash point	Not applicable
Evaporation rate	No data
Flammability	No Flash Point determined.
Explosion limits Upper Lower	Not applicable
Vapour pressure	No data
Vapour density	No data
Relative density	1.00 – 1.10 @ 20-C
Solubility	Highly soluble and miscible in water
Partition coefficient: n-octanol/water	No data
Auto-ignition temperature	Not applicable

Decomposition temperature	No data
Viscosity	No data
Explosive properties	Not applicable
Oxidising properties	No data

9.2 Other information

Not applicable.

SECTION 10: *Stability and reactivity*

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

The product is stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials

Avoid strong oxidising agents, strong acids, organic materials.

10.6 Hazardous decomposition products

There are no anticipated hazardous decomposition products associated with this material.

SECTION 11: *Toxicological information*

11.1 Information on toxicological effects

General Information:

This product has severe hazards & toxicity. Only large volumes may have adverse impact on human health.

a) Acute toxicity

Oral

May irritate and cause stomach pain, vomiting and diarrhoea; may cause respiratory hazards in relation to breathing, - no data are available.

Dermal

Based on the available data on component substances, the classification criteria for acute dermal toxicity can cause serious hazards such as severe irritation. Repeated exposures may cause severe burns, are met.

Inhalation

Based on the available data on component substances, the classification criteria for acute inhalation toxicity to cause damage to organs through prolonged or repeated exposure cause the hazard, no data available.

Other routes

No data.

(b) Skin corrosion/irritation

Based on the available data on component substances, the classification criteria to cause for skin corrosion or burns are met.

(c) Serious eye damage/irritation

Based on the available data on component substances, the classification criteria for serious eye damage are met; irritation also to occur and cause redness and pain.

(d) Respiratory or skin sensitization

Based on respiratory in take causes to organs through prolonged or repeated exposure exposure cause hazard, no data available.

(e) Germ cell mutagenicity

Based on the available data on component substances, the classification criteria for germ cell mutagenicity, no data available.

(f) Carcinogenicity

Based on the available data on component substances, the classification criteria for carcinogenicity, no data available.

(g) Reproductive toxicity

Based on the available data on component substances, the classification criteria for reproductive toxicity, no data available.

(h) STOT-single exposure

Based on the available data on component substances, the classification criteria for specific target organ toxicity as a result of single exposure, no data available.

(i) STOT-repeated exposure

Based on the available data on component substances, the classification criteria for specific target organ toxicity as a result of repeated exposure, no data available.

(j) Aspiration hazard

Based on the available data on component substances, the classification criteria for aspiration hazard, no data available.

Other information

Mixture is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

SECTION 12: *Ecological information*

12.1 Toxicity

Harmful to aquatic life & invertebrates.

Based on hazardous substances in the mixture and their concentration the product has been assessed according with the calculation method of Regulation (EC) 1272/2008 (as amended). The product is classified as dangerous to health hazards and its hazards are stated in section 2.2.1.

12.2 Persistence and degradability

Results of PBT and vPvB assessment: The product does not contain any PBT or vPvB substances.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects : None Known for its adverse effects.

SECTION 13: *Disposal considerations*

13.1 Waste treatment methods

General Information:

Do not discharge into drains, water courses or onto the ground.

Methods of disposal :

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Packaging is recyclable. Wash out containers with water before disposal.

Hazardous waste :

The classification of the product meet the criteria for a hazardous waste.

SECTION 14: *Transport information*

This product requires a classification for transport.

14.1 UN number

ADR/RID: 1824

IMDG:1824

IATA:1824

14.2 UN proper shipping name

ADR/RID: Sodium Hydroxide Solution

Sodium Hydroxide Solution

Sodium Hydroxide Solution

14.3 Transport hazard class(es)

ADR/RID 8

IMDG: 8

IATA: 8

14.4 Packing group

ADR/RID: II

IMDG: II

IATA: II

14.5 Environmental hazards

ADR/RID: no

IMDG: Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

14.7 Hazard Class Label

DANGER

14.8 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : N/A

Not applicable.

SECTION 15: *Regulatory information*

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

EU regulations

CLP – Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

REACH Status

The substance(s) in this product has (have) been pre-registered, registered or are exempt according with Regulation (EC) No. 1907/2006 (REACH).

SEVESO II Directive 96/82/EC (as amended).

Detergent Regulation [Regulation (EC) No 648/2004

UK Regulations

COSHH – Control of Substances Hazardous to Health Regulations 2002 (as amended).

COMAH – Control of Major Accidents Hazards Regulations 1999 (as amended).

CHIP – The Chemical (Hazard Information and Packaging for Supply) Regulations 2009

15.2 Chemical safety assessment

Chemical safety assessments have been completed by the substance Registrants for some of the components of this product.

SECTION 16: *Other information*

Full text of classifications (CLP)

H314	Causes severe skin burns and eye damage; Skin corrosion
H318	Causes serious eye damage; Eye Dam. 1
H319	Causes serious eye irritation.

Toxicity, Category 1; H314, H318, H319

Other abbreviations

PBT : Persistent, bioaccumulative and toxic.
vPvB : Very persistent and very bioaccumulative.

History	
Date of printing	
Date of issue/Date of revision	14.06.22
Date of previous issue	Not applicable ⁽¹⁾
Version	01

Note (1) – New SDS for CLP/GHS compliant product labelling.

Safety Data Sheet complied on ingredients according with Regulation (EU) 2020/878.

Notice to readers

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.1212