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KLEN 2204
Oven Cleaner

Product Description
KLEN 2204 is a combination of detergents and solvents that takes over the hard work of cleaning ovens. ***KLEN 2204*** is needed whenever cleaning is done: restaurants, hospitals, schools, and efficiency apartments. It removes caked and burnt food, grease and other foods in minutes and is the safest way to clean an oven.

Areas of Use
KLEN 2204 is applicable on a wide range of ovens, barbecue grills and waffle iron grids.

Special Features
- The safest way to clean an oven is as it does not spill harmful chemicals onto user.
- Cleanest way. Just spray where needed.
- Fastest way to clean an oven as compared to conventional paste type cleaners.

Directions for Use
- Warm surfaces to be cleaned to 80°C. Then switch off the power supply.
- ***KLEN 2204*** is to be used as it is. Transfer product into a sprayer bottle and spray liberally onto the surfaces.
- Allow the product to react with the surfaces for about 30 minutes.
- Then rinse off thoroughly with water. It may be necessary to rinse twice.
- If the accumulated carbon is too thick, repeat the above steps again.
- Do not use on aluminum, wood, or painted surfaces.
- Rubber protective gloves should always be worn while using product.

Precautions
Avoid ingestion, eye and skin contact. If ingested, do not induce vomiting, dilute by drinking water and consult physician immediately. Upon contact with eyes, flush with cool water for at least 15 minutes then consult physician. Upon contact with skin, wash with large amounts of soap and water and consult physician if irritation persists.

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Company Registration No: 197100402R
KLENCO products are used in over 20 countries across Asia, the Middle East, Europe and Africa

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: KLEN 2204

Other means of identification: Oven Cleaner

Date of SDS: 01 January 2026

Recommended use and restriction on use: KLEN 2204 is applicable on a wide range of ovens, barbecue grills and waffle iron grids.

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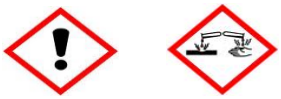
SECTION 2 - HAZARDS IDENTIFICATION

GHS classification: Acute toxicity: Oral: Category 4;
Skin irritation: Category 2; Eye irritation: Category 2

GHS label elements: Pictogram: Signal word: Warning



Hazard statements:
H302: Harmful if swallowed.
H315: Causes skin irritation.
H320: Causes eye irritation.

Precaution statements:
P102: Keep out of reach of children.
P262: Do not get on skin.
P280: Wear protective gloves/ protective clothing.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Sodium Hydroxide	< 12.0 %	NaOH	1310-73-2	215-185-5
Ethylene Glycol Butyl Ether	< 5.0 %	CH3(CH2)3OCH2CH2OH	111-76-2	203-905-0
Propylene Glycol	< 6.0 %	C3H8O2	57-55-6	200-338-0
Nonyl Phenol Ethoxylate	< 2.0 %	$C_{33}H_{60}O_{10}$	26571-11-9	247-816-5
Disodium Cocoamphodipropionate	< 10.0 %	$C_{22}H_{40}N_2Na_2O_6$	68604-71-7	271-704-5
Sodium EDTA	< 2.0 %	$C_{10}H_{12}N_2Na_4O_8$	64-02-8	200-573-9
Water	> 60.0 %	H_2O	7732-18-5	231-791-2
Fragrance	< 1.0 %	-	NA	NA
Burnt Sugar	< 0.1 %	C7H10O2	8028-89-5	232-435-9

SECTION 4 – FIRST AID MEASURES

Inhalation: Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.

Skin contact: Wash with large amounts of soap and water. If irritation persists, consult a physician.

Eye contact: Flush with cool water for at least 15 minutes. Then consult a physician immediately.

Ingestion: Induce vomiting. Dilute by drinking water. Call a physician immediately.

Notes to Physicians: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable fire-extinguishing media: Water, dry chemical, carbon dioxide and foam.

Specific hazards arising from the chemical: Burning can produce carbon dioxide, carbon monoxide and traces of nitrogen oxides.

Special protective actions for fire fighters: Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.

SECTION 6 - ACCIDENTIAL RELEASE MEASURE

Personal precautions, protective equipment, and emergency measures: Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc).

Environmental precautions: Chemical substances should not be released into the environment (water, soil).

Methods and materials for containment and cleaning up: Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water. Cover spills with absorbent clay, sawdust or inert material and placed in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Precaution for safe handling: Wash thoroughly after handling, especially before eating and drinking, Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-using.

Conditions for safe storage, including any incompatibilities: This product is a combustible liquid. Store in a cool, dry, well-ventilated area at room temperature. Keep away from any possible source of ignition. Store away from any oxidizing materials. Do not re-use empty containers for food, clothing or products for human or animal consumption or where skin contact can occur.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters/ Occupational exposure limits: **ACGIH - TLV:** Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.

Appropriate engineering control measures: Local exhaust ventilation is usually required, when vapours, mist, or dusts can be released.

Personal Protection: Use the protective equipment such as rubber/PVC gloves; protective glasses.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour:	Brown liquid with pleasant scent.
Solubility in water:	Complete.
Boiling Point:	105 ^{0} C
Specific Gravity:	1.150 +/- 0.01 g/cm^3
PH:	13.5 +/- 0.5
Flash Point (T.C.C.):	None to boiling **Flammable Limits - Upper:** Not applicable **Lower:** Not applicable
Vapour Pressure:	Not determined
Vapour Density:	Not determined

SECTION 10 - STABILITY AND REACTIVITY

Reactivity/ In compatible materials: Acids and oxidizing materials.

Chemical stability: Stable under normal temperature and pressure.

Possibility of hazardous reaction: Will not occur.

Condition to avoid: Not applicable

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Oral: Ingestion of high amount of product is fatal.

Skin or eye irritation: This product contains sodium hydroxide solution that may cause irritation to eyes and burn of skin.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity: Concentrations with a pH value of 10.5 or greater, especially in fresh water, may be fatal to fish and other aquatic organisms. It can cause damage to aquatic plants and vegetation.

Persistence and degradability: Product degrades readily by reaction of carbon dioxide in the air as well as decomposition by microorganism.

Bioaccumulative potential: It is soluble in water and does not bio-accumulate.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal method: Dispose of in an approved waste facility according to local regulations. It is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework if feasible (2) Incinerate at an authorized facility (3) Treat at an acceptable waste treatment facility.

SECTION 14 – TRANSPORT INFORMATION

This material is non-regulated and no special requirement is necessary.
HS Code: 34024290

SECTION 15 – REGULATORY INFORMATION

International regulation:

Classification:	This product contains sodium hydroxide as an ingredient that is classified as Corrosive under EC Classification.	
Risk phrases:	R22	Harmful if swallowed.
	R38	Irritating to skin.
Safety phrases:	S02	Keep out of reach of children.
	S24	Avoid contact with skin.
	S36/ 37	Wear suitable protective clothing and gloves.

SECTION 16 – OTHER INFORMATION

Hazard Rating: HMIS (Hazardous Materials Information System)
HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 1
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme

NOTICE: SDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.