

Technical Data Sheet

All surfactants used in this product comply with the current European/GB Regulations concerning Biodegradability and protection of the environment.

Product Information

TOPAZ

Oven Cleaner

- Removes heavy and stubborn grease
- Viscous – clings to surfaces for longer contact & better cleaning
- Available in an easy to use 750ml bottle
- Low odour

Product Description:

Topaz is a highly effective oven cleaner which is formulated to remove heavy and stubborn build ups of grease. It is suitable for use on enamel ovens, enamel surfaces and cast iron hobs.

Directions and Dilutions:

Warm the griddle or oven to 40-45°C. Switch off appliance. Carefully wipe or spray undiluted Topaz onto surface. Start at the back of the oven & work forward. Leave for 10-20 minutes. Agitate with brush or scouring pad. Rinse off with clean water. Allow to air dry.

NOT TO BE USED ON THE FOLLOWING: The exterior of ovens, aluminium, painted, easy clean or self clean surfaces.

Useful Information:

Product Characteristics: Yellow opaque viscous liquid with a light lemon odour

Storage: Store in original container away from oxidising material. Store in moderate temperatures in a well ventilated area

Availability: Available in 2x5 boxes

Composition: Contains a blend of sodium hydroxide, anionic surfactant, thickening agent, perfume & dye

For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.

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Safety Data

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

1.1) Product identifier

Product Name: Topaz

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

Use of substance / mixture:

1.3) Details of the supplier of the safety data sheet.

Company name: SKY CHEMICALS (UK) LTD, UNIT 12, SHEFFIELD DESIGN STUDIOS, 40 BALL STREET, SHEFFIELD, S3 8DB

Tel: 0114 2780222

Fax: 0114 2727750

Email: info@skychemicals.co.uk

1.4) Emergency telephone number

Emergency tel: 0114 278 0222 (in office hour only)

2. HAZARDS IDENTIFICATION

2.1) Classification of the substance or mixture

Classification under CLP: Skin Corr. 1A: H314

Most important adverse effects: Causes severe burns.

2.2) Label elements

Hazard statements: H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion



Precautionary statements: P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P405: Store locked up. P501: Dispose of contents/container to hazardous or special waste collection point.

2.3) Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1) Substances:

3.2) Mixtures

SODIUM HYDROXIDE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
215-185-5	1310-73-2	C: R35	Skin Corr. 1A: H314	1-10%

4. FIRST AID MEASURES

4.1) Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed/Immediate Effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. FIRE FIGHTING MEASURES

5.1) Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2) Special hazards arising from the substance or mixture

Exposure hazards: Corrosive

5.3) Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1) Personal precautions, protective equipment and emergency procedures:

Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2) Environmental precautions: Do not discharge into drains or rivers.

Contain the spillage using bunding.

6.3) Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4) Reference to other sections: Refer to section 8 of SDS.

7. HANDLING AND STORAGE

7.1) Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2) Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3) Specific end use(s): Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1) Control parameters

Hazardous ingredients:

SODIUM HYDROXIDE

Workplace exposure limits:

State	8 hour TWA	15min. STEL	8 hour TWA	15 min STEL
UK	-	2 mg/m3	-	-

DNEL/PNEC Values: No data available.

8.2) Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1) Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Viscosity: Viscous

Boiling point/range°C: >35

Flash point°C: >93

pH: >11.5

9.2) Other information: No data available.

10. STABILITY AND REACTIVITY

10.1) Reactivity: Stable under recommended transport or storage conditions.

10.2) Chemical stability: Stable under normal conditions.

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10.3) Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4) Conditions to avoid: Heat.

10.5) Incompatible materials

Materials to avoid: Strong acids.

10.6) Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

11.1) Information on toxicological effects

Hazardous ingredients:

SODIUM HYDROXIDE

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	mg/kg

Relevant hazards for product:

Effect	Route	Basis
Corrosivity	OPT INH DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

12.1) Toxicity

Ecotoxicity values: No data available.

12.2) Persistence and degradability: Biodegradable.

12.3) Bioaccumulative potential: No bioaccumulation potential.

12.4) Mobility in soil: Readily absorbed into soil.

12.5) Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6) Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

13.1) Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

14.1) UN number: UN1760

14.2) Shipping name: CORROSIVE LIQUID, N.O.S.

14.3) Transport class: 8

14.4) Packing group: I

14.5) Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6) Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 1

15. REGULATORY INFORMATION

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

15.2) Chemical Safety Assessment:

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

E H314: Causes severe skin burns and eye damage.

R35: Causes severe burns.

Legend to abbreviations:

PNEC = predicted no effect concentration

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

INH = inhalation

PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.