

**SAFETY DATA SHEET**  
HEAVY DUTY OVEN CLEANER

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

**Product name:** HEAVY DUTY OVEN CLEANER  
**Product code:** PN 313  
**Company name:** Fluid Technology Generation Ltd  
Drum House  
Drum Industrial Estate  
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UK  
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**2. HAZARDS IDENTIFICATION**

**Main hazards:** Causes burns.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** DIPROPYLENE GLYCOL METHYL ETHER 1-10%  
EINECS: 252-104-2 CAS: 34590-94-8

- NANSA SSA 1-10%
- TETRASODIUM ETHYLENEDIAMINE TETRAACETATE SOLUTION 1-10%  
EINECS: 200-573-9 CAS: 0064-02-8  
[Xi] R36/38
- TRIETHANOLAMINE (90%) 1-10%  
EINECS: 203-049-8 CAS: 102-71-6  
[Xn] R48/22; [Xi] R41
- SODIUM XYLENE SULPHONATE SOLUTION 30% 1-10%  
EINECS: 215-090-9 CAS: 1300-72-7  
[Xi] R36
- SODIUM HYDROXIDE 1-10%  
EINECS: 215-185-5 CAS: 1310-73-2  
[C] R35

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** Irritation or pain may occur at the site of contact. Blistering may occur. Severe burns may occur.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely. Corneal burns may occur.  
**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting.

[cont...]

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**Inhalation:** High exposure to vapours or mists may cause respiratory difficulties.

#### 4. FIRST AID MEASURES (ACTION)

**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:** 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:** If working in confined space and mists are created then move immediately to a fresh air environment. Obtain medical attention if symptoms persist.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** THIS PREPARATION ITSELF DOES NOT PRESENT A FIRE HAZARD. Product does not burn.

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear protective clothing to prevent contact with skin and eyes. Self contained breathing apparatus should be made available in the event of fighting a large fire involving the preparation.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Transfer to a suitable container. Wash down the drain with large amounts of water.

#### 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

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

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** DIPROPYLENE GLYCOL METHYL ETHER  
WEL (8 hr TWA): 100 mg/m<sup>3</sup> WEL (15 min STEL): 909 mg/m<sup>3</sup>

- TRIETHANOLAMINE (90%)

WEL (8 hr TWA): 15 mg/m<sup>3</sup>

- SODIUM HYDROXIDE

WEL (15 min STEL): 2 mg/m<sup>3</sup>

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

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

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**Eye protection:** Safety goggles. Face-shield. Ensure eye bath is to hand.

**Skin protection:** Wear protective overalls, shoes/boots.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Beige

**Solubility in water:** Miscible

**Relative density:** Aprox. 1.06g/ml

**pH:** 12.5 - 13.0 (1%)

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Strong oxidising agents.

**Materials to avoid:** Avoid contact with aluminium, zinc, galvanised steel and brass. and their alloys.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients:** DIPROPYLENE GLYCOL METHYL ETHER

ORL RAT LD50 5130 mg/kg

SKN RBT LD50 > 19000 mg/kg

- TETRASODIUM ETHYLENEDIAMINE TETRAACETATE SOLUTION

ORL RAT LD50 3030 mg/kg

SKN RBT LD50 >5000 mg/kg

- TRIETHANOLAMINE (90%)

ORL RAT LD50 3.58-12.7 ml/kg

- SODIUM XYLENE SULPHONATE SOLUTION 30%

ORL RAT LD50 >2000 mg/kg

- SODIUM HYDROXIDE

IPR MUS LD50 40 mg/kg

ORL RBT LDLO 500 mg/kg

**12. ECOLOGICAL INFORMATION**

**Hazardous ingredients:** DIPROPYLENE GLYCOL METHYL ETHER

BACTERIA 72H IC50 4168 mg/l

DAPHNIA 48H EC50 1919 mg/l

FISH FATHEAD MINNOWS 96H LC50 > 10000 mg/l

- NANSA SSA

DAPHNIA 48H EC50 1-10 mg/l

FISH 96H LC50 1-10 mg/l

- TETRASODIUM ETHYLENEDIAMINE TETRAACETATE SOLUTION

BLUEGILLS 96H LC50 1030 mg/l

FISH FATHEAD MINNOWS 96H LC50 >100 mg/l

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- TRIETHANOLAMINE (90%)  
BACTERIA 72H IC50 >5000 mg/l  
DAPHNIA 48H EC50 947 mg/l  
FISH FATHEAD MINNOWS 96H LC50 5600 mg/l

**Mobility:** Soluble in water.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Do not mix with other chemicals. Dispose in accordance with local authority regulations.

**Disposal of packaging:** May be reused following decontamination.

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

**14. TRANSPORT INFORMATION**

**ADR / RID**

**UN no:** 1719

**ADR Class:** 8

**Packing group:** III

**Classification code:** C5

**Shipping name:** CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE SOLUTION)

**Labelling:** 8

**Hazard ID no:** 80



**IMDG / IMO**

**UN no:** 1719

**Class:** 8

**Packing group:** III

**EmS:** F-A,S-B

**Marine pollutant:** .

**Labelling:** 8

**IATA / ICAO**

**UN no:** 1719

**Class:** 8

**Packing group:** III

**Packing instructions:** 819(P&CA); 813(CAO)

**Labelling:** 8

**15. REGULATORY INFORMATION**

**Hazard symbols:** Corrosive.



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**Risk phrases:** R34: Causes burns.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Haz. ingredients (label):** SODIUM HYDROXIDE

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Risk phrases used in s.3:** R36/38: Irritating to eyes and skin.

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R41: Risk of serious damage to eyes.

R36: Irritating to eyes.

R35: Causes severe burns.

**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.