



## OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

### *I. Basic Information—Product and Company Identification*

**Trade Name:** GP2 Degreaser & Sanitiser  
**Manufacturer:** EDS Chemicals (Pty) Ltd  
**Address:** 6 Koevoet Street, Kya Sands, Johannesburg

**Website:** www.gp2.co.za | **Email:** info@gp2.co.za  
**Telephone No. (011) 801 3200**

### *II. Composition/Information on Ingredients*

<u>Hazardous ingredients</u>	<u>CAS No.</u>	<u>% Range</u>
Sodium hydroxide	1310-73-2	0.1 - 1.0

### *III. Hazards Information*

#### **EMERGENCY OVERVIEW**

**CAUTION:** Eye and skin irritant.

#### **Potential Health Effects**

##### **Point(s) of Entry:**

Absorption, Eye, Inhalation, and Ingestion.

##### **Health Hazards (Acute and Chronic):**

See signs and symptoms

##### **Signs and Symptoms:**

Eye Contact: May cause eye irritation.

Skin Contact: Prolonged contact may cause irritation.

Inhalation: May cause coughing

Ingestion: May cause diarrhoea, nausea, and cramps.

##### **Medical Conditions Generally Aggravated by Exposure:**

None known

##### **Other Health Warnings:**

None known

##### **Potential Environmental Effects**

Product is **bio degradable**

### *IV. First Aid Measure:*

#### **Emergency and First Aid Procedures:**

Eye Contact: Flush eyes with water for 15 minutes while lifting upper and lower eyelid. Seek medical advice.

Skin Contact: Wash with soap and water. If irritation persists, seek medical advice.

Inhalation: Move to fresh air. If breathing becomes difficult seek medical advice immediately.

Ingestion: Drink water or milk. Do not induce vomiting, seek medical advice immediately and show container.

### *V. Fire Fighting Measures:*

#### **Suitable Extinguishing Media:**

Product is water based and is non flammable. If involved in a fire use Water Fog, Foam, Carbon Dioxide or Dry Chemical

#### **Unsuitable Extinguishing Media:**

None

#### **Products of Combustion:**

Carbon dioxide and carbon monoxide.

#### **Protection of Firefighters:**

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers.

At elevated temperatures containers may vent, rupture or burst, even violently.

### *VI. Accidental Release Measures:*

#### **Personal Precautions:**

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

#### **Environmental Precautions:**

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities required that a spill has occurred.

#### **Methods for Containment:**

Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).

material and flush with water. Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.

#### **Methods for Clean-up:**

Using a scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid to recover material.

Neutralize remaining traces of material and flush with water. Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.

## VII. Handling and Storage:

### Handling Precautions:

Do not spray into electrical connections or outlets. Wash hands before eating.

### Storage Precautions:

Store in a closed container undercover out of direct exposure to heat and sunlight

## VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Sodium hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	Not Available

### Engineering Controls:

See levels above for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

### Personal Protective Equipment:

Wear safety glasses, gloves, and apron. If exposed to vapour mist, wear approved respirator designed to remove particles of chemicals from the vapour mist.

## IX. Physical and Chemical Properties:

**Appearance and Odour:** Green liquid with mild odour

**Boiling Point:** 100°C at STP

**Boiling Range:** Not Available

**Solubility In Water:** Complete

**Flash Point:** Not Applicable

**Vapor Density (AIR = 1):** 1.1

**PH :** 13 typically

**Decomposition Temp:** Not Available

**Lower Explosive Limit:** Not Applicable

**Melting Point:** Not Applicable

**Freezing Point:** Not Available

**Evaporation Rate (Butyl Acetate = 1):** Not determined

**Flash Point Method:** Not Applicable

**Vapor Pressure (mm Hg.):** Not determined

**Specific Gravity (H<sub>2</sub>O = 1):** 1.01

**Auto-Ignition Temp:** Not Available

**Upper Explosive Limit:** Not Applicable

## X. Stability and Reactivity:

### Stability:

Stable

### Conditions to Avoid:

Avoid exposure to heat as product may boil in excess of 100°C

### Incompatible Materials:

None known

### Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide.

### Possibility of Hazardous Reactions:

Will not occur

## XI. Toxicological Information:

The material is not considered toxic

## XII. Ecological Information:

The ingredients used in this product are all biodegradable

## XIII. Disposal Considerations:

**DISPOSAL:** This container may be recycled in recycling centres when empty. Before offering for recycling, empty the can or bottle by using the product according to the label.

If recycling is not available, wrap the empty container and discard in the trash. Do not dump into sewers, on the ground, or into any body of water.

Dispose of unused product in accordance with all local, state government and federal laws and regulations.

## XIV. Transport Information

### Transportation Information:

Shipping name: Not regulated

ICAO/IATA (US): Not regulated

International ICAO/IATA: Not regulated

## XV. Regulatory Information:

IMDG: Not Regulated

UN/NA#: Not Applicable

Packing Group: Not Applicable

No SARA Reportable Chemicals. | Hazard Classification: (SANS 1828) Symbols Xi—irritant | Risk Phases: R36/38 irritant to eyes and skin.

Safety Phrases: S2 Keep out of the reach of children | S24/25 Avoid contact with eyes and skin | S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. | S37/39 Wear suitable gloves and eye /face protection | S62 If swallowed, do not induce vomiting; seek medical advice immediately and show container or label.

USA TSCA: All components of this material are listed on the US TSCA Inventory.

Labelling:



## XVI. Other Information

**Chemical Type:** Green Mixture

**Chemical State:** Liquid

### Additional Manufacturer Warnings:

While EDS Chemicals (Pty) Ltd believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.