



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 Waterless Hand Cleaner
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

Hazardous ingredients	CAS No.	% Range
Sodium hydroxide	1310-73-2	0.05- 0.5

III. Hazards Information

EMERGENCY OVERVIEW

CAUTION: Maybe an Eye or 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: May cause irritation if prolonged use.

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: In case of eye contact, flush eyes with water for 15 minutes while lifting upper and lower eyelid. If symptoms persist, seek medical advice.

Skin Contact: Should irritation arise, wash with soap and water. If symptoms occur, seek medical advice.

Inhalation: Move to fresh air. Should breathing become difficult seek medical advice immediately.

Ingestion: In case of swallowing, do not induce vomiting. Drink milk or water, seek medical advice if symptoms occur 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:

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 (sweeping, rags, etc) absorbing 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:

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.

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 ³	2 mg/m ³	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:

If required on site, 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: Red 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 (H₂O = 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 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: Red 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.