



SAFETY DATA SHEET

SECTION 1: Identification of the Substance and Company/Undertaking

1.1	Product Identifier:	GP2 INDUSTRIAL DEGREASER
1.2	Relevant identified uses of the substance and uses advised against	
	Use:	Multi-Surface Degreasing and Cleaning of petroleum and organic greases, dirt, oils and fats.
	Relevant identified uses:	See above
	Environmental release category:	ERC4 (Industrial use of processing aids in processes and products, not becoming part of articles) ERC12a (Industrial processing of articles with abrasive techniques [low release])
	Mixture supplied to that use in form of:	A liquid mixture
	Product Category by type of chemical:	PC-CLN-2 (All purpose (or multi-purpose) non-abrasive cleaners)
	Sector of end use:	SU3, 21, 22 (Industrial, Professional and Consumer users)
	Uses advised against:	Use on Raw Aluminium not advised
1.3	Details of the supplier of the Safety Data Sheet	
	Address:	EDS Chemicals (Pty) Ltd. 149 Industrial Road Kya Sands Randburg 2163
	Telephone Number:	+27 (010) 600 8830
	Email Address:	info@gp2.co.za
1.4	Emergency Telephone:	+27 (010) 600 8830

SECTION 2: Hazards Identification

2.1 Classification of the mixture

2.1.1 Classification according to Regulation (EC) No. 1272/2008 (including amendments):

Not classified

2.1.2 Classification according to EU Directive 67/548/EEC (including amendments):

Not classified

2.2 Label elements:

Product Identifier, Supplier Information, Signal Word. Precautionary Statement, Hazardous Statement & Pictogram.



Signal word:

Warning

Hazard statements:

H320 : Causes eye irritation 2b
H335 : May cause respiratory irritation

Precautionary statements:

P102 : Keep out of reach of children.
P281 : Use Personal Protective equipment as required.
P301+P330+P331 : If swallowed, rinse mouth, do not induce vomiting.
P304+P340 : If inhaled, remove victim to fresh air & keep at rest in a position comfortable for breathing.

Prevention:

As above

Storage:

Keep out of direct sunlight and out of reach of children.

2.3 Other Hazards:

The product is a mixture containing mostly water with various other ingredients producing slight risk of irritation in their pure state.

2.4 Additional Information:

The product is not classified as hazardous according to EC and National Regulations

SECTION 3: Composition / Information on Ingredients

3.1 Substances

Product identifier type in accordance with Article 18(2) of Regulation (EC) No 1272/2008	Identifier Number	Identification Name	Weight % Content (or range)	EC Number
CAS Number	1310-73-2	Sodium hydroxide	0.65% - 0.85%	215-185-5

SECTION 4: First-Aid Measures

4.1 Description of First Aid Measures

Ingestion:	If swallowed, rinse mouth, do not induce vomiting.
Skin contact:	Wash with plenty of water.
Eye contact:	Flush eyes with plenty of water until clear; seek medical advice if irritation persists
Inhalation:	If inhaled, remove victim to fresh air & keep at rest in a position comfortable for breathing.
First Aider Protection:	None specific

4.2 Most important symptoms and effects, both acute and delayed

Ingestion:	Slight irritation
Skin contact:	Prolonged use may dry skin
Eye contact:	Slight irritation
Inhalation:	Slight irritation of the respiratory tract, may cause cough

4.3 Indication of immediate medical attention and special treatment needed

General advice:	None specific
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SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media (small and large fires)

Small Fire:	Product is water based and is non-flammable. Use fire extinguishing media suitable for the surrounding fire.
Large Fire:	Product is water based and is non-flammable. Use fire extinguishing media suitable for the surrounding fire.
Avoid:	None

5.2.1 Specific Hazards:	Containers may burst if subjected to extreme heat. Product is water based and is non-flammable.
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5.2.2 Protective equipment and advice for fire fighters:	Protective equipment suitable for the surrounding fire.
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SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency measures

6.1.1	For non-emergency personnel:	For prolonged use, persons should wear gloves and mask.
6.1.2	For emergency responders:	None specific.
6.2	Environmental precautions:	Take precautionary measures against discharges into the environment

6.3 Methods and material for containment and cleaning up

6.3.1	For containment:	Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).
6.3.2	For cleaning up:	Absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). Rinse with water. Dispose of spillage via local authority regulations
6.3.3	Other information:	Product spill can be vacuumed.
6.4	Reference to other sections:	Section 8.

SECTION 7: Handling and Storage

7.1	Precautions for Safe Handling:	None specific
7.2	Conditions for safe storage, including any incompatibilities:	None specific
7.3	Specific end uses:	None

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Substance	Sodium Hydroxide			
CAS No.	1310-73-2			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
	0.002	2	0.002	2

8.2 Exposure controls

8.2.1 Engineering controls:	None specific
8.2.2 Personal protective equipment:	Wear safety glasses and gloves. If exposed to vapour mist wear at a minimum a FFP1 mask.
8.2.3 Environmental exposure controls:	Take precautionary measures against discharges into the environment

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Green Liquid
Odour:	Clean Detergent odour
Odour threshold:	Not Applicable
pH:	Not more than 11
Melting point:	Not Applicable
Initial boiling point and boiling range:	100°C at STP
Flash point:	Not Applicable
Evaporation rate:	Not Applicable
Flammability:	Not flammable
Upper/lower flammability or explosive limits:	Not Applicable
Vapour pressure:	Not Applicable
Relative vapour density (air=1):	1.1
Relative density (water=1):	1.01
Solubility:	Miscible with water
Partition coefficient (n-octanol/water):	Not Applicable
Auto-ignition temperature:	Not Applicable
Decomposition temperature:	Not Applicable
Viscosity:	0.01 poise
Explosive properties:	Not Applicable
Oxidising properties:	Not Applicable

9.2 Other information

Critical Temperature:

Not Applicable

SECTION 10: Stability and Reactivity

10.1 Reactivity:

No known hazardous reactions

10.2 Chemical stability:

Product is stable under normal storage and usage conditions

10.3 Possibility of hazardous reactions:

None

10.4 Conditions to Avoid:

None specific

10.5 Incompatible materials:

None

10.6 Hazardous decomposition products:

None

SECTION 11: Toxicological Information

11.1 Information on toxicological

Effects Acute toxicity:

Not Applicable

Skin corrosion/irritation:

Prolonged use may dry skin

Serious eye damage/irritation:

May cause slight eye irritation.

Respiratory or skin sensitisation:

Slight irritation of the respiratory tract, may cause cough

Germ cell mutagenicity:

Not Applicable

Carcinogenicity:

Not Applicable

Reproductive toxicity:

Not Applicable

STOT-single exposure:

No Known Effects

STOT-repeated exposure:

Prolonged use may dry skin

Aspiration hazard:

Slight irritation of the respiratory tract, may cause cough

Further Information:

Toxicological effects unlikely due to and nature of product.

SECTION 12: Ecological Information

12.1	Toxicity:	Not regarded as dangerous to the environment
12.2	Persistence and degradability:	Not established
12.3	Bioaccumulative potential:	Not established
12.4	Mobility in soil:	Not established
12.5	Results of PBT and vPvB assessment:	The mixture does not contain any ingredients which are PBT or vPvB
12.6	Other adverse effects:	None known

SECTION 13: Disposal Considerations

13.1	Waste treatment methods:	Dispose of unused product in accordance with all local authority regulations. The container may be recycled when empty. Waste should not be disposed of by release to sewers.
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SECTION 14: Transport Information

14.1	UN Number:	Not regulated
14.2	UN proper shipping name:	Not regulated
14.3	Transport hazard class:	Not regulated
14.4	Packing group:	Not applicable
14.5	Environmental hazards:	Not Applicable
14.6	Special Precautions for user:	None
14.7	Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code:	Remark: not dangerous cargo, but keep separate from foodstuffs. No special transport requirements necessary under Approved Carriage of Dangerous Goods Regulations

SECTION 15: Regulatory Information

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

UK Regulatory References.
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
The Control of Substances hazardous to Health Regulations 2002.
Rivers (Prevention of Pollution) Act 1961.
Control of Pollution (Special Waste Regulations) Act 1980.
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No.716)
Classification and Labelling of Substances and Preparations Dangerous for Supply.

15.2 Chemical Safety Assessment:

The product is determined as not being hazardous

SECTION 16: Other Information

Methods of evaluation:

None specific

References:

None specific

Abbreviations:

REACH – Registration, Evaluation, Authorisation and restriction of Chemicals
CLP – Classification, labelling and Packaging of Substances and Mixtures
EC No – European Commission Number
UN Number - United Nations Committee of Experts
WEL – Workplace Exposure Limit
STOT – Specific Target Organ Toxicity
PBT – Persistent, Bio accumulative and
Toxic vPvB - very Persistent and very Bio accumulative

The information contained herein is carefully presented, based on the data we have. However, all precautions described herein are for normal handling, not for special handling. Please establish the safe usage in accordance with your handling procedures by reference to this SDS and applicable laws and guidance. In addition, the description, composition, and physical/chemical properties are typical values and not guaranteed for this product.