

# Safety Data Sheet

## Section 1: IDENTIFICATION

### BIODEGREASER

**Recommended Use:** General Purpose Degreaser

**Product Code:** See Manufacturers Code

Company:	MICHALIS GROUP PTY LTD TRADING AS ALL-PRO CHEMICAL AND CLEANING SUPPLIES
Address:	3/7 AYRSHIRE CRESCENT, SANDGATE N.S.W 2304
Telephone Number:	(02) 4968 2000
Emergency Telephone Number:	Poisons Information Centre: Westmead NSW Australia 131126

<b>Manufacturers Product Code:</b>	BIODEGREASER	***** 7	(1L)
	BIODEGREASER	***** 11	(5L)
	BIODEGREASER	***** 17	(25L)
	BIODEGREASER	***** 19	(205L)
	BIODEGREASER	*****20	(1000L)

## Section 2: HAZARDS

Classified as hazardous according to the criteria of the NOHSC.

<b>R36/38:</b>	Irritating to eyes and skin.
<b>R43:</b>	May cause sensitization by skin contact.
<b>S26:</b>	In case of accident with eyes, rinse immediately with plenty of water and seek medical advice.
<b>S37/39:</b>	Wear suitable gloves and eye/face protection.
<b>S45:</b>	In case of accident or you feel unwell, seek medical advice immediately (show the label whenever possible).

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not Applicable	To 100%
Sodium Hydroxide*	1310-73-2	<10%

\*the actual amount of this material is less than 1 %

## Section 4: FIRST AID

<b>Eye (contact)</b>	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
<b>Skin (contact)</b>	Remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation (Breathing)</b>	Not volatile at room temperatures.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone: 13 11 26) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically for neutral detergent.
<b>First Aid Facilities</b>	Ensure an eye bath and safety shower are available and ready for use.
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to this product.

## Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Use dry chemical powder, foam, water spray or fog type extinguishers for product that is burning.
<b>Hazards from Combustion Products</b>	Toxic and/or irritating fumes including carbon dioxide and carbon monoxide may be emitted.
<b>Precautions for Fire Fighters and Special Protective Equipment</b>	Keep containers cool by spraying with water.
<b>Additional Information</b>	<b>Hazchem Code-</b> Not applicable

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide- Not applicable.
<b>Spills / Clean up</b>	Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

## Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact ALL-PRO sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-authorized use of this product may result in damage or personal injury. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well ventilated area. Keep container tightly sealed.

## Section 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

**National Exposure Standards – Source:** National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Sodium Hydroxide	1310-73-2	2mg/m <sup>3</sup>	-----

**Biological Limit Values** Not Available.

**Engineering Controls** Not normally required.

**Personal Protective Equipment** Eye/ Face protection- Safety glasses or chemical resistant goggles should be worn to prevent eye contact.  
Skin protection- Use rubber gloves to prevent skin contact.  
Respiratory protection- Respirator is not usually necessary but if product is irritating use a respirator suitable for organic vapours.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point/Melting Point:** APPROXIMATELY 100°C

**Odour:** CITRAL

**Ignition Temperature:** NOT APPLICABLE

**pH:** 12 – 12.5

**Freezing point:** APPROXIMATELY 0°C

**Vapour Density:** NOT AVAILABLE

**Specific Gravity:** 1.08

**Flashpoint (°C):** NOT APPLICABLE

**Vapour Pressure: (pascals pr mm of Hg at 25°C):** NOT AVAILABLE

**Appearance:** YELLOW LIQUID

**Upper and Lower Flammability limits (in air):** NOT APPLICABLE

**Solubility (g/l):** NOT AVAILABLE  
(DILUTABLE)

## Section 10: STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal ambient storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures (store below 30°C). Protect against physical damage.
<b>Incompatible materials</b>	None known. Do not mix with other chemicals.
<b>Hazardous decomposition products</b>	None known.
<b>Hazardous reactions</b>	None known.

## Section 11: TOXICOLOGICAL INFORMATION

### Health Effects

#### Acute

<b>Swallowed</b>	Will cause defatting and burning of mouth and alimentary canal and salivation.
<b>Eye</b>	Extremely irritating.
<b>Inhaled</b>	None known
<b>Skin</b>	Moderately irritating. Frequent and prolonged contact with strong solutions can cause dermatitis.

#### Chronic

<b>Swallowed</b>	No effects known.
<b>Eye</b>	No effects known.
<b>Inhaled</b>	No effects known.
<b>Skin</b>	No effects known.

### TOXICITY DATA

Sodium hydroxide LD<sub>50</sub> 40mg/kg (Intraperitoneal, mouse)

## Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available.
<b>Persistence and degradability</b>	Not available.
<b>Mobility</b>	Not available.

## Section 13: DISPOSAL CONSIDERATIONS

<b>Disposable method</b>	Refer to State/ Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.
<b>Special precautions</b>	Suitable for incineration by approved agent.

## Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (AICS).

<b>UN Number:</b>	Not applicable.
<b>UN Proper Shipping Name:</b>	Not applicable.
<b>Class and subsidiary risk:</b>	Not applicable.
<b>Packing Group:</b>	Not applicable.
<b>Special Precautions for user:</b>	Not applicable.
<b>Hazchem code:</b>	Not applicable.

## Section 15: REGULATORY INFORMATION

<b>Poisons Schedule (SUSDP):</b>	Not applicable.
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All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

## Section 16: OTHER INFORMATION

**Prepared By:** Ian Barkley  
**Position:** Managing Director

**Date of preparation:** 1<sup>st</sup> July 2014

### Legend to Abbreviations and Acronyms

< less than

**AICS** Australian Inventory of Chemical Substances

**CAS** Chemical Abstracts Service (Registry Number)

**deg C ( 'C )** degrees Celsius

**ES-STEL** Exposure Standard - Short Term Exposure Limit

**ES-TWA** Exposure Standard-Time Weighted Average

**G** gram

**g/l** grams per litre

**Kg** kilogram

**LD50** LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals

**Ltr (L)** Litre

**m3** cubic metre

**mg** milligram

**mg/kg** milligrams per kilogram

**mg/m3** milligrams per cubic metre

**Mm** millimetre

**NOHSC** National Occupational Health and Safety Commission

**SUSDP** Standard for the Uniform Scheduling of Drugs and Poisons

**UN** United Nations (number)