

Infosafe No™ VARJE	Issue Date : February 2016	ISSUED by HUNTER
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 Product Name **POWERCLEAN DEGREASER**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** POWERCLEAN DEGREASER

**Company Name** Hunter Industrials Pty Ltd (ABN 083 330 974)

**Address** 51-53 Lakewood Blvd  
Braeside  
Vic 3195 Australia

**Telephone/Fax Number** Tel: (03) 9586 2888  
Fax: (03) 9587 9851

**Emergency phone number** 0409 949 298

**E-mail Address** sales@huntind.com.au

**Recommended use of the chemical and restrictions on use** General purpose cleaner and degreaser for use in the automotive industry. Can be used to clean and degrease most hard surfaces.

## 2. Hazard Identification

**GHS classification of the substance/mixture** Eye Damage/Irritation: Category 2A  
Skin Corrosion/Irritation: Category 2

**Signal Word (s)** WARNING

**Hazard Statement (s)** H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Precautionary statement – General** P102 Keep out of reach of children.  
P103 Read label before use.

**Pictogram (s)** Exclamation mark



**Precautionary statement – Prevention** P264 Wash contaminated skin thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.

**Precautionary statement – Storage** P404 Store in a closed container.

**Precautionary statement – Disposal** P501 Dispose of contents/container: recycle packaging by replacing cap and returning clean containers to recycler or collection point.

## 3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	2-Butoxyethanol	111-76-2	1-10 %
	Non hazardous surfactants	Mixture	1-10 %
	Disodium metasilicate	6834-92-0	1-10 %
	d - Limonene	5989-27-5	0-2 %

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Other ingredients determined not to be hazardous, including water	N/A	to 100%
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#### 4. First-aid measures

<b>Inhalation</b>	Remove from exposure, rest and keep warm. In severe cases, or if exposure has been great, obtain medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Give a glass of water to be taken slowly.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
<b>Eye contact</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>First Aid Facilities</b>	Eye wash station and normal washroom facilities.
<b>Advice to Doctor</b>	Product contains alkaline salts and mixed detergent solution. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre. Treat symptomatically.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use water or extinguishing media appropriate to surrounding fire.
<b>Hazards from Combustion Products</b>	Water vapour, carbon dioxide, oxides of phosphorous. Incomplete combustion may generate carbon monoxide.
<b>Specific Methods</b>	In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present.
<b>Specific hazards arising from the chemical</b>	Not classified as a flammable liquid.

#### 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and shut off all possible sources of ignition. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.
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#### 7. Handling and storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store in cool, well ventilated place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Keep away from naked flames and other sources of heat. Do not allow vapours to collect in enclosed spaces. Take precautions against static discharge. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
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#### 8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	2-Butoxyethanol			121	25	
<b>Appropriate engineering controls</b>	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.					

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**Personal Protective Equipment** Avoid contact with the skin and eyes. Avoid breathing the vapour. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-  
PVC or natural rubber.  
Chemical goggles or faceshield to protect eyes.  
Respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.  
Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Red liquid
<b>Odour</b>	Orange/citrus fragrance.
<b>Boiling Point</b>	> 100C
<b>Solubility in Water</b>	Miscible with water in all proportions.
<b>Specific Gravity</b>	1.08
<b>pH</b>	12.0-12.5
<b>Flash Point</b>	None
<b>Flammability</b>	Not flammable.

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, flames, ignition sources and incompatibles.
<b>Incompatible Materials</b>	Strong alkalis, acids, oxidizing agents.
<b>Hazardous Decomposition Products</b>	Emits smoke and fumes when heated to decomposition.

## 11. Toxicological Information

<b>Toxicology Information</b>	No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:
<b>Acute Toxicity - Oral</b>	2-BUTOXY ETHANOL: Oral LD50(rat): 470 mg/kg
<b>Acute Toxicity - Dermal</b>	2-BUTOXY ETHANOL: Dermal LD50(rabbit): 220 mg/kg
<b>Acute Toxicity - Inhalation</b>	2-BUTOXY ETHANOL: Inhalation LC50(rat): 450 ppm/4Hr
<b>Ingestion</b>	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
<b>Inhalation</b>	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
<b>Skin</b>	Will degrease the skin and may lead to irritation or dermatitic effects. Product contains a small amount of d-limonene and this ingredient may cause sensitization by skin contact in some individuals. Product contains 2-butoxy ethanol; this ingredient may be absorbed through the skin with resultant

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**Eye** toxic effects.  
Will cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision. Depending upon duration of exposure, eye damage may occur.

**Chronic Effects** Prolonged or repeated skin contact may lead to dermatitis.  
Prolonged contact may cause severe eye irritation and some form of permanent eye damage may occur.

## 12. Ecological information

**Ecotoxicity** In large concentrations, this product is detrimental to the aquatic environment.

**Persistence and degradability** Inherently biodegradable.

**Mobility** Readily dilutes with water.

**Other Adverse Effects** This substance may cause long term adverse effects in the environment.

**Environmental Protection** Avoid contaminating waterways, drains, sewers, or ground.

## 13. Disposal considerations

**Waste Disposal** Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

## 14. Transport information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. Regulatory information

**Poisons Schedule** S5

**Hazard Category** Irritant

**AICS (Australia)** All components listed.

## 16. Other Information

**Signature of Preparer/Data Service** Technical Manager 03 9580 2499

**Technical Contact Numbers** Emergency Advice All Hours:  
Tel: 0409 949 298 Mon-Fri 8am - 6pm  
Poisons Information Centre: 13 11 26 - 24hrs

**Other Information** This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.  
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