



Keeping it in the Community

Broome
Derby
Perth

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SAFETY DATA SHEET

Progressive Supplies Sales - Service - Supplies - Local Support

1 Identification

GHS Product Identifier

BILGE & ENGINE CLEANER

Other means of identification

No Information provided.

Recommended use of the chemical and restriction on use

BILGE & ENGINE CLEANER is a heavy duty detergent for the removal of fat, grease, soil, dirt, and animal and vegetable oil, carbon and most industrial soils.

Supplier's details

5 Heads Pty Ltd trading as:

Perth Progressive Supplies, **Street Address:** 230 Gnangara Rd, Landsdale WA 6065

Ph: 08 9303 9290

E: perthsales@progressivesupplies.com.au

Broome Progressive Supplies, **Street Address:** 7 Haynes Street, Broome WA 6725

Ph: 08 9192 6200

E: sales@progressivesupplies.com.au

Derby Progressive Supplies, **Street Address:** 24 Clarendon St Derby WA 6728

Ph: 08 9191 1000

E: derby@progressivesupplies.com.au

ACN: 098 396 546

Emergency phone number

National Poisons Information Centre: Phone Australia **13 11 26**.

2 Hazard(s) identification

Classification of the substance or mixture

HAZARDOUS ACCORDING TO EU CRITERIA

Hazard Category: Irritant (Xi)

Poison Schedule: S5 [Aust] This material is a Scheduled S5 Poison and must be stored, handled and used according to the appropriate regulations..

Warning Statement: None recommended.

GHS label elements

Causes skin and eye irritation

Keep out of reach of children.

Do not breathe dust/fume/gas/mist/vapours/spray.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Wear cold insulating gloves/face shield/eye protection.

Store locked up.

Dispose of contents/container to as hazardous waste.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Other hazards which do not result in classification

Hazard Classification: HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
potassium pyrophosphate	7320-34-5		1 - 10	
sodium silicate	6834-92-0		1 - 10	CAS 10213-79-3
fatty alcohol phosphate ester			1 - 10	CAS 68439-39-4
2-butoxyethanol			1 - 10	CAS 11-76-2
d-limonene			1 - 10	CAS 5989-27-5
water and other non-hazardous substances			0 - 60	mixture

4 First-aid measures

Description of necessary first-aid measures

Swallowed:

If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink. Seek urgent medical assistance.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

Inhaled:

Move victim to fresh air. Apply resuscitation if victim is not breathing.

First Aid Facilities: Eye wash fountain, safety shower and normal wash room facilities.

Most important symptoms/effects, acute and delayed

No Information provided.

Indication of immediate medical attention and special treatment needed, if necessary

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: **131126**

In New Zealand Tel: 034747000

5 Fire-fighting measures

Suitable extinguishing media

Use extinguishing media suitable for surrounding fire situation.

If safe to do so, move undamaged containers from fire area.

HAZCHEM CODE: None allocated [Aust]

FLAMMABILITY This material is not a flammable or combustible liquid.

Specific hazards arising from the chemical

Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon.

Special protective actions for fire-fighters

Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Material may be slippery when spilt. Walk cautiously. Ventilate area.

Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this SDS.

Environmental precautions

Bund area using sand or soil - to prevent run off into drains and waterways.

Methods and materials for containment and cleaning up

Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

7 Handling and storage

Precautions for safe handling

No Information provided.

Conditions for safe storage, including any incompatibilities

Store in a cool place and out of direct sunlight.

Store away from sources of heat or ignition.

Store away from oxidizing agents.

Keep containers closed, when not using the product.

Store in original packages as approved by manufacturer.

8 Exposure controls/personal protection

Control parameters

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product.

Appropriate engineering controls

Engineering Controls 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.

Individual protection measures

Personal Protection Equipment This product is a **S5 poison**. The following protective equipment should be worn when handling the product in its neat form.

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use 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.

9 Physical and chemical properties

Physical and chemical properties

Appearance: Red mobile liquid.

Boiling Point: Greater than 100 degrees C

Vapour Pressure: Not known

Specific Gravity: 1.08

Flash Point: No flash point to boiling

Flammability Limits: Non flammable

Solubility in Water: Complete

Other Properties

Ph 1% solution: 11.5 +/-0.5
Odour: Faint citrus like odour

10 Stability and reactivity

Reactivity

No Information provided.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

HAZARDOUS POLYMERIZATION: Will not occur.

Conditions to avoid

Heat, flames, ignition sources and incompatibles.

Incompatible materials

Strong alkalis, acids, oxidizing agents.

Hazardous decomposition products

Emits smoke and fumes when heated to decomposition.

11 Toxicological information

Toxicological (health) effects

No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and effects may arise if the product is mishandled and overexposure occurs.

Toxicological Data: There is no other toxicological information available for this product.

Information on the likely routes of exposure

No Information provided.

Symptoms related to the physical, chemical and toxicological characteristics

No Information provided.

Delayed and immediate effects and also chronic effects from short and long term exposure

ACUTE HEALTH EFFECTS:

Swallowed:

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. Additional information for Swallowed Swallowing large quantities of 2-butoxy ethanol may result in

metabolic acidosis, hypokalemia, hemoglobinuria, and possibly deep coma.

Eye:

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

Skin:

Will cause irritation to the skin, with effects including; Redness, itchiness, and possible dermatitis. Additional information for Skin 2-butoxy ethanol may be absorbed through the skin with resultant toxic effects in blood system, spleen and testes.

Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination. Additional information for Inhalation 2-butoxy ethanol may affect the central nervous system.

Chronic:

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.

Numerical measures of toxicity (such as acute toxicity estimates)

No Information provided.

Interactive effects

No Information provided.

Where specific chemical data are not available

No Information provided.

Mixtures

No Information provided.

Mixture versus ingredient information

No Information provided.

Other information

No Information provided.

12 Ecological information

Toxicity

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

Persistence and degradability

Inherently biodegradable.

Bioaccumulative potential

No Information provided.

Mobility in soil

Readily dilutes with water.

Other adverse effects

Chemical Fate Information: This substance may cause long term adverse effects in the environment.

13 Disposal considerations**Disposal methods**

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**UN Number**

None allocated.

UN Proper Shipping Name

None allocated.

Transport hazard class(es)

None allocated.

Packing group, if applicable

None allocated.

Environmental hazards

No Information provided.

Special precautions for user

No Information provided.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No Information provided.

15 Regulatory information**Safety, health and environmental regulations specific for the product in question**

Poison Schedule: S5 [Aust]

Inventory Status:*Inventory*

Australia (AICS)

Status

All materials are listed

16 Other information**Other information****Key Legend Information:****NOHSC** -National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]**SUSDP** -Standard for the Uniform Scheduling of Drugs and Poisons [Aust]**TWA** -Time Weighted Average [Int]**STEL** -Short Term Exposure Limit [Int]**AICS** -Australian Inventory of Chemical Substances**EPA** -Environmental Protection Agency [Int]**NIOSH** -National Institute for Occupational Safety and Health [US]**AS/NZS 1715** -Selection, use and maintenance of respiratory protective devices. [Aust/NZ]**AS/NZS 1716** -Respiratory protective devices. [Aust/NZ]**IATA** -International Aviation Transport Authority [Int]**ICAO** -International Civil Aviation Organization [Int]**IMO** -International Maritime Organisation. [Int]**IMDG** -International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EU -European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Removal of the heading of Poison Schedule [Aust], in section 3 and 15 of this Safety Data Sheet (SDS) makes this a valid health and safety document in other international jurisdictions/countries. For full compliance please contact your Federal, State or Local regulators for further information.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THE SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY, SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS.

OUR RESPONSIBILITY FOR PRODUCT SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF SDS