



Keeping it in the Community

Broome
Derby
Perth

7 Haynes St PO Box 1459 p: 9192 6200 e: sales@progressivesupplies.com.au
Unit 1/18 Le Lievre St, PO Box 460 p: 91911000 e: derby@progressivesupplies.com.au
230 Gnangara Rd, Landsdale, PO Box 1306 Wangara 6947 p: 9303 9290
e: perthsales@progressivesupplies.com.au

SAFETY DATA SHEET

Progressive Supplies Sales - Service - Supplies - Local Support

1 Identification

GHS Product Identifier

PRO CLEAN & BRIGHT

Other means of identification

No Information provided.

Recommended use of the chemical and restriction on use

A concentrated industrial laundry detergent.

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

NON HAZARDOUS ACCORDING TO EU CRITERIA

Hazard Category: Not applicable

Hazard Classification: NON HAZARDOUS SUBSTANCE, NON DANGEROUS GOOD

Poison Schedule: S5 [Aust] This material is a Scheduled S5 Poison and must be stored, handled

and used according to the appropriate regulations..

GHS label elements

Keep out of reach of children.

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

Do not get in eyes, on skin, or on clothing.

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

Wear protective gloves/protective clothing/eye protection/face protection.

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

Warning Statement: None allocated

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
sodium silicate	6834-92-0		10 - 30	
water and other non-hazardous substances			30 - 60	
alkaline salts			0	900 g/KG

4 First-aid measures

Description of necessary first-aid measures

Swallowed:

If swallowed, **DO NOT** induce vomiting. If victim is conscious give water to drink. Immediately transport to hospital or doctor.

Eye:

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

Skin:

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

Inhaled:

Remove victim to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

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 dry chemical, carbon dioxide, foam or water fog.

CAUTION: Use of water spray when fighting fire may be inefficient.

HAZCHEM CODE: Non hazardous

FLAMMABILITY Heat or damage to containers may release corrosive or toxic fumes.

Specific hazards arising from the chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: If tanks, drums or containers of this material are heated, they may rupture and project corrosive materials over a wide area.

Special protective actions for fire-fighters

Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under SDS.

Personal Protective equipment as highlighted in this SDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

Environmental precautions

No Information provided.

Methods and materials for containment and cleaning up

SPILL OR LEAK PROCEDURE: Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour.

SMALL SPILLS:

Take up with sand, dirt or vermiculite. **DO NOT** use sawdust. Use non-sparking tools. Place into labelled drum(s) for later disposal.

LARGE SPILLS:

Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful.
Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area.

7 Handling and storage

Precautions for safe handling

Avoid prolonged breathing of vapors and skin or eye contact.

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 and strong acids.

Keep containers tightly 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:

DISODIUM METASILICATE

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

WATER AND OTHER NON-HAZARDOUS SUBSTANCES

No Exposure details available

Appropriate engineering controls

Engineering Controls Corrosive solid. 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 an S5 poison. The following protective equipment should be worn when handling large amounts of product directly.

CLOTHING: Neoprene or nitrile apron

GLOVES: Neoprene or nitrile.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of dusts. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 respirator 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: Blue free flowing powder

Boiling Point Melting Point: None

Vapour Pressure: None

Specific Gravity: Not Available

Flash Point: None

Flammability Limits: Non Flammable

Solubility in Water: 15% approx.

Other Properties

Odour : Lemon fragrance

pH (1% solution): 12.0 - 12.5

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

Incompatibles.

Incompatible materials

Strong alkalis and oxidizing agents.

Hazardous decomposition products

Emits choking and corrosive 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:

Will cause burns to the mouth, mucous membranes, throat, oesophagus and stomach. If sufficient quantities are ingested (swallowed) death may occur.

Eye:

Will cause burns to the eyes with effects including: Pain, tearing, conjunctivitis and if duration of exposure is long enough, blindness will occur.

Skin:

Will cause burns to the skin, with effects including; Redness, blistering, localised pain and dermatitis.

Inhaled:

Will cause severe irritation to the nose, throat and respiratory system with effects including: Dizziness, headache, coughing, loss of co-ordination, chest pains, respiratory paralysis and or failure.

Chronic:

Prolonged or repeated skin contact will lead to necrosis (death) of the skin. Additional information for Chronic No significant long term exposure effects, including carcinogenic, mutagenic, teratogenic and reproductive effects, have been reported. However, repeated ingestion of some phosphates (120-240mg/kg/day) has been shown to cause increased calcium excretion and soft tissue calcification in man.

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

Powder is easily contained, but material is reasonably soluble in large amounts of water.

Other adverse effects

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

<i>Inventory</i>	<i>Status</i>
Australia (AICS)	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