



Keeping it in the Community

Broome
Derby
Perth

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e: perthsales@progressivesupplies.com.au

SAFETY DATA SHEET

Progressive Supplies Sales - Service - Supplies - Local Support

1 Identification

GHS Product Identifier

BOAT REJUVENATOR

Other means of identification

No Information provided.

Recommended use of the chemical and restriction on use

An acid based cleaner for the removal of all hard water, calcium, lime and sea scum.

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 CRITERIA OF NOHSC

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

Hazard Category: Corrosive

Class: 8

Subclass: Not applicable

Poisons Schedule: 5

GHS label elements



Causes severe skin burns and eye damage

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

Wash up thoroughly after handling.

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

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

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

Immediately call a POISON CENTER or doctor/physician.

Specific treatment (see first aid in SDS and on this label).

Wash contaminated clothing before reuse.

Dispose of contents/container to accordance to relevant regulations.

Other hazards which do not result in classification

No Information provided.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Phosphoric Acid	7664-38-2		40 - 70	
All other non-hazardous substances			0 - 45	Remainder

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. Remove clothing if contaminated and wash skin. Seek medical assistance.

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. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible. 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

Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder)

Specific Hazards: None known

Specific hazards arising from the chemical

Firefighting further advice: Not combustible, however reaction with metals will produce flammable hydrogen gas which will burn if ignited.

Hazchem Code: 2X.

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

Slippery when spilt. Clear area of all unprotected personnel. Contain using sand or soil. Inert material or vermiculite. Spills may be neutralized using soda ash or lime. Collect and seal in properly labeled containers for disposal. Prevent runoff from entering drains and waterways. Small spills may be flushed with copious amounts of water.

Wear personal protective equipment as detailed in section 8 of the 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 labeled containers for disposal. Spills maybe neutralized using soda ash or lime. Small spills may be flushed with copious amounts of water.

7 Handling and storage

Precautions for safe handling

Ensure containers are adequately labelled and sealed when not in use. Store in a cool ventilated area away from oxidising agents, alkalis, sulphides, metal powders, cyanides, heat and ignition sources.

Keep containers closed, when not using the product.
Store in original packages as approved by manufacturer.
Keep soda ash or lime for emergency use.

Wash hands before eating and observe good occupational hygiene.

Conditions for safe storage, including any incompatibilities

Store in a cool ventilated area and store away from oxidizing agents, alkalis, sulphides, metal powders and cyanides.

8 Exposure controls/personal protection

Control parameters

No exposure standards are assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia)

However for major constituents, phosphoric acid

TWA 1mg/m³

STEL 3mg/m³

Appropriate engineering controls

Avoid inhalation. Use in well ventilated areas. The use of mechanical extraction ventilation is recommended.

Individual protection measures

Wear safety goggles, PVC or rubber gloves and coveralls. If an inhalation risk exists use a Type B respirator.

9 Physical and chemical properties

Physical and chemical properties

Appearance: Pale green thin liquid

Boiling Point: 158°C

Vapour Pressure: Not known

Specific Gravity: 1.19

Melting Point (C): 21°C

Flash Point: Not determined

Flammability Limits: Not flammable

Solubility in Water: Total

% Volatile by Volume: 65

Ph of product: <1

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

Open flames, heat, sparks and other ignition sources.

Incompatible materials

Oxidising agents, cyanides, alkalis, sulphides and metal powders.

Hazardous decomposition products

Co, Nox, hydrogen chloride, phosgene and phosphoric acid fumes emitted 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.

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 TOXICITY:

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, diarrhoea, and abdominal pain, difficulty in breathing, shock acidosis, convulsions and collapse.

Additional information for Swallowed

Eye: Causes irritation or burns. Contamination of the eyes may result in permanent injury.

Skin: May cause irritation to the skin, with effects including; dryness and cracking. Dermatitis may occur from prolonged exposure.

Inhaled: Inhalation of mists may result in respiratory irritation and possible harmful corrosive effects to the nose, throat and mucous membranes.

Chronic Toxicity: No significant health effects found. Is not considered to be a carcinogen or mutagen and no reproductive effects have been identified.

Numerical measures of toxicity (such as acute toxicity estimates)

The following data is available for

Phosphoric Acid

Oral LD50 = 1530mg/kg (RAT)

Dermal LD50 = 2740 mg/kg (RABBIT)

Inhalation TCL. = 100mg/m³ (HUMAN)

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

For phosphoric acid component, acidity may be reduced by natural water hardness minerals but it is a nutrient for undesirable algae and the phosphate may persist indefinitely.

Ecotoxicity value TLm mosquito fish 138mg/l 24-96 hr in turbid water at 22-24°C. (1)

Persistence and degradability

Acidity may be reduced by natural water hardness minerals and the phosphate may persist indefinitely.

Bioaccumulative potential

None

Mobility in soil

Will permeate downwards and may dissolve some soil matter. Some acid will be neutralized, however significant amounts will remain and may enter the groundwater.

Other adverse effects

Avoid contaminating waterways.

13 Disposal considerations

Disposal methods

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor.

Small spills can be greatly diluted with water or carefully neutralized with dilute alkali and flushed to drain with copious amounts of water.

Suitable for disposal at approved land waste site after neutralization.

Dispose of waste water according to local, state and federal regulations.

14 Transport information

UN Number

1760

UN Proper Shipping Name

CORROSIVE LIQUID, N.O.S.

Transport hazard class(es)

Class: 8

HAZCHEM CODE: 2X

ERG: 37

Packing group, if applicable

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Environmental hazards

No Information provided.

Special precautions for user

Segregation Dangerous Goods: Segregate from oxidizing agents, cyanides

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

Hazardous according to criteria of Worksafe Australia

Hazard Category Corrosive

Poisons Schedule (AUST) Toxic Substance (NZ): S5

Classified as a schedule 5 (S5) as per SUSMP criteria.

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.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken. Safety Data Sheets are updated frequently. Please ensure you have a current copy.

Please read all labels carefully before using product.

Principal References:

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

END OF SDS