



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

ECO CLEANING VINEGAR

Other means of identification

No Information provided.

Recommended use of the chemical and restriction on use

Acidic Industrial Cleaner

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

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

GHS label elements

Keep out of reach of children.

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

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

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

Other hazards which do not result in classification

No Information provided.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
acetic acid			1 - 10	CAS 64-19-7
water and other non-hazardous substances			0	

4 First-aid measures

Description of necessary first-aid measures

Ingestion:

Rinse mouth with water. If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Skin:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye:

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Most important symptoms/effects, acute and delayed

No Information provided.

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

Notes to physician:

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

If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Hazchem Code: Not applicable.

Specific hazards arising from the chemical

Specific hazards: Non-combustible material.

Special protective actions for fire-fighters

No Information provided.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable.

Environmental precautions

Contain - prevent run off into drains and waterways.

Methods and materials for containment and cleaning up

SMALL SPILLS:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS:

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately.

Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

7 Handling and storage

Precautions for safe handling

Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place and out of direct sunlight.

Store away from foodstuffs.
 Store away from incompatible materials described in Section 10.
 Store away from sources of heat and/or ignition.
 Keep container standing upright.
 Keep containers closed when not in use - check regularly for leaks.

8 Exposure controls/personal protection

Control parameters

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Acetic acid	10	25	15	37	----

Appropriate engineering controls

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Individual protection measures

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9 Physical and chemical properties

Physical and chemical properties

Form: Liquid

Colour: Clear Colorless

Odour: Sharp, vinegar-like

Solubility: Soluble in water

Solubility in water: Completely miscible.

Specific Gravity (20 °C): 1.01 ± 0.01

Density: N Av Relative

Vapour Density (air=1): >1

Vapour Pressure (20 °C): N Av

Flash Point (°C): N App

Flammability Limits (%): N Av

Autoignition Temperature (°C): N Av

Melting Point/Range (°C): N Av

Boiling Point/Range (°C): Approx 100

pH: 2 - 3

Viscosity: N Av

Total VOC (g/Litre): N Av

(Typical values only - consult specification sheet) **N Av** = Not available, **N App** = Not applicable

10 Stability and reactivity

Reactivity

No Information provided.

Chemical stability

This material is thermally stable when stored and used as directed.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

Elevated temperatures and sources of ignition.

Incompatible materials

Oxidising agents and bases.

Hazardous decomposition products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

11 Toxicological information

Toxicological (health) effects

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

Acute toxicity

Inhalation:

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients):

>20 mg/L

Skin:

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Ingestion:

This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

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 Effects

Inhalation:

Material may be an irritant to mucous membranes and respiratory tract.

Skin:

Contact with skin may result in irritation.

Ingestion:

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye:

May be an eye irritant.

Chronic Toxicity

Mutagenicity:

This material has been classified as non-hazardous.

Carcinogenicity:

This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation):

This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure):

This material has been classified as non-hazardous.

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

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity: No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13 Disposal considerations

Disposal methods

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled.

If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

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

None allocated

Special precautions for user

None allocated

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

None allocated

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All components of this product are listed on or exempt from the Australian Inventory of Chemical

Substances (AICS).

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