

# Material Safety Data Sheet

Infosafe No™ 1PJ4P Issue Date : January 2015 ISSUED by PLESSJAL

Product Name : **Jal Terg**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Chemical Product and Company Identification** Tel: (03)9416 6700  
Fax: (03)9416 8516  
Web: www.peerlessjal.com.au  
email: sales@peerlessjal.com.au

**Product Name** Jal Terg

**Product Code** JALTER

**Company Name** Peerless Jal Pty Ltd (ABN 53 006 489 345)

**Address** 10-12 Raglan Street Preston  
VIC 3072

**Telephone/Fax Number** Tel: (03) 9416 6700  
Fax: (03) 9416 8516

**Emergency Contact Address** 10-12 Raglan Street  
Preston  
VIC 3072

**Recommended Use** Quantities may be varied according to soil level and size of machine.

**Additional Information** Poisonous schedule: S5  
NOTICE: While the information contained herein is correct to the best of our knowledge, PEERLESS JAL Pty Ltd herein disclaims any warranties as to the accuracy of the same. Recommendations or suggestions are made without guarantee or representation as a result, since conditions of use are beyond our control. All materials are sold subject to PEERLESS JAL Pty Ltd standard terms and conditions of sale and on the condition that buyer shall make his/her own tests to determine the suitability of such product for buyers purposes. No statement contained herein shall be construed as a recommendation to infringe any patent.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous  
Approved Criteria Classification (Calculated)  
Irritant, Risk Phrases R36-38  
Safety Phrases S: 1/2-22-24/25-26-45  
SUSDP Classification  
S5 (Alkaline Salts)  
ADG Classification  
Not a dangerous good.  
UN Number  
None allocated.  
EMERGENCY OVERVIEW  
Colour  
Blue  
Physical Description  
Free-flowing powder  
Odour  
Lemon fragrance  
Major Health Hazards  
Irritating to eyes and skin.

**Risk Phrase(s)** Classified as hazardous  
R36/37 Irritating to eyes and respiratory system.

**Safety Phrase(s)** S1/2 Keep locked up and out of reach of children.  
S22 Do not breathe dust.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S45 In case of accident or if you feel unwell seek medical advice immediately

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Solid

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>	<b><u>Hazard Symbol</u></b>	<b><u>Risk Phrase</u></b>
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Inorganic Carbonates, Silicates and Phosphates	(Proprietary)	60-100 %
Alkaline Salts	Proprietary	10-30 %

## 4. FIRST AID MEASURES

**First Aid Measures** Eyewash should be near at hand.

**Inhalation** Where possible, gargle with water and flush nasal passages with water.

**Ingestion** If swallowed, do NOT induce vomiting.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Advice to Doctor** Treat symptomatically.

**First Aid** For advice, contact a Poisons Information Centre (Phone 13 1126) or a doctor (at once).

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use water spray or fog, foam, dry chemical or carbon dioxide.

**Specific Methods** Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

**Specific Hazards** Non-combustible material. Closed containers may explode if exposed to extreme heat.

## 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Dispose in accordance with all applicable regulations.

**Clean-up Methods - Small Spillages** Small spills may be flushed to sewer with plenty of water.

**Clean-up Methods - Large Spillages** Sweep up. Collect and seal in properly labelled containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** This material is Hazardous and is a Schedule 5 Poison. Handle in accordance with State or Territory Hazardous Substances and Poisons Regulations. Avoid contact with eyes and skin. Avoid breathing dust.

**Conditions for Safe Storage** This material is Hazardous and is a Schedule 5 Poison. Store in accordance with State or Territory Hazardous Substances and Poisons Regulations. Store in original container in a dry location.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** NOHSC  
The National Occupational Health and Safety Commission (Worksafe Australia) has set no exposure standards for this material. This does not imply that this material is safe or non-hazardous. There may be insufficient information available to allow the National Commission to assign an exposure standard, even on a tentative basis. Where exposure standards are available for the ingredients of this material, they are listed below.

Ingredient	TWA	STEL	Notices	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Level recommended for dusts not otherwise classified (nuisance dusts):			10 (total dust)	
Application in the Workplace			5 (respirable dust)	

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

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STEL is the Short Term Exposure Limit and is a 15-minute TWA exposure, which should not be exceeded at any time during a working day. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.

Guide Only

Exposure Standards are guides to be used in the control of occupational health hazards. They are not fine dividing lines between safe and dangerous concentrations of chemicals nor are they measures of relative toxicity. All atmospheric contamination should be kept to as low a level as is practicable.

## Engineering

### Controls

Ventilation  
No special ventilation requirements. Keep airborne dust levels to a minimum when dealing with spilt material and through normal course of handling.

### Respiratory

### Protection

Not usually needed. Wear suitable dust mask or respirator fitted with a particle filter if in risk of breathing fugitive dust.

### Eye Protection

Not usually needed. Avoid contact with eyes.

### Hand Protection

Protective Material Types:

Gloves that are suitable include those made of latex, PVC and rubber.

### Body Protection

Skin Protection:

Not usually needed. Avoid contact with skin. Wear suitable protective clothing and gloves if contact is likely.

### Hygiene Measures

Always wash hands before eating, drinking, smoking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Appearance	Blue, white powder
Odour	Lemon fragrance.
Melting Point	Not available.
Boiling Point	May decompose before melting.
Solubility in Water	Dissolves completely.
Specific Gravity	Not available.
pH Value	10% aqueous solution - approx. 11.3.
Vapour Pressure	Not available.
Physical State	Free-flowing powder.
Flash Point	None
Explosion Limit - Upper	None.
Explosion Limit - Lower	None.

## 10. STABILITY AND REACTIVITY

Stability and Reactivity	Stable at normal temperatures and pressures. May react violently with strong acids.
Conditions to Avoid	No special precautions.
Incompatible Materials	Avoid contact with acidic materials.
Hazardous Decomposition Products	May include chlorine fumes and oxides of sulphur and nitrogen.
Hazardous Polymerization	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

Toxicology Information	INDIVIDUAL INGREDIENT INFORMATION SODIUM CARBONATE
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## Toxicity Data

Oral LD50 (rat): 4090 mg/kg. Inhalation LC50: 2100 - 2500 mg/m<sup>3</sup>.

Skin irritation (rabbit): moderate skin irritant, 500 mg, 24 hour exposure.

Eye irritation (rabbit): severe eye irritations, 100 mg, 24 hour exposure.

## Local Effects

Irritant. Irritating to eyes and skin. May irritate respiratory system.

## Target Organs

Eyes, skin and respiratory tract.

## References

Redox Chemicals MSDS Issued Jan 2001.

No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are: For WSA Format, please refer to Health Effects Section for acute effects.

## Inhalation

Short term exposure

Dust may irritate nose lining and respiratory tract. Symptoms may include coughing and difficulty in breathing. Risk is slight due to form of powder.

Long term exposure

May aggravate respiratory disorders.

## Ingestion

Short term exposure

May be irritating to mouth, throat and gastrointestinal tract. May cause nausea, diarrhoea and vomiting.

Long term exposure

May cause similar effects to those of acute ingestion.

## Skin

Short term exposure

Irritating. Symptoms may include redness or burning sensation. Perspiration or wet skin will cause product to dissolve and accelerate appearance of symptoms.

Long term exposure

May cause similar effects to those of acute skin contact. Prolonged or repeated skin contact may lead to dermatitis or other skin disorders.

## Eye

Short term exposure

Irritating. Risk of eye damage, conjunctival oedema and corneal damage if not attended to promptly.

Long term exposure

May cause similar effects to those of acute eye contact.

## Carcinogenicity

NOHSC

Not classified.

NTP

Not known; not anticipated.

IARC

Not classified.

## 12. ECOLOGICAL INFORMATION

**Ecological Information** Avoid release to the environment. Safe for use in septic systems, when used as directed.

## 13. DISPOSAL CONSIDERATIONS

## 14. TRANSPORT INFORMATION

**Transport Information** Not classified as dangerous goods according to the Australian code for the transport of dangerous goods (ADG) code.

## 15. REGULATORY INFORMATION

**Regulatory Information** Classified as hazardous  
AICS  
All ingredients are listed in AICS.

**Hazard Category** Irritant

## 16. OTHER INFORMATION

**Technical Contact Point** Technical Department  
10-12 Raglan Street  
Preston  
VIC 3072  
Tel: (03)9416 6700

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## Other Information

Fax: (03)9416 8516

JAL COLOUR CODING:

BLUE DOT - ALKALINE

Revised Sections of MSDS

All sections. Update to 16-point format.

Acronyms

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons; MSDS -

Material Safety Data Sheet; ADG CODE - Australian Code for the Transport of

Dangerous Goods by Road and Rail; NOS - Not Otherwise Specified; CAS Number

Chemical Abstracts Service Registry Number; UN Number - United Nations Number;

R-Phrases - Risk Phrases; HAZCHEM Code - An emergency action code of numbers

and letters that gives information to emergency services; NOHSC - National

Occupational Health and Safety Commission (Worksafe Australia); NTP - National

Toxicology Program (USA); IARC - International Agency for Research on Cancer;

AICS - Australian Inventory of Chemical Substances.

...End Of MSDS...

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