

# SAFETY DATA SHEET

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## Section 1. Identification of the material and the supplier.

Product: TS1610-50PK  
Product use: Cleaning agent  
Restriction of Use: Refer to Section 15.

New Zealand Supplier: Baskiville.com Ltd  
Address: 16 Methven Chertsey Road  
Methven  
Telephone: +64 3 302 8703  
Fax Number: +64 3 302 8706

**Emergency Telephone: 0800 764 766 (National Poison Centre)  
0274768214**

Date of SDS Preparation: 11 January 2017

## Section 2. Hazards Identification

**This substance is hazardous according to the HSNO (Minimum degrees of Hazard) Regulations 2001**

**EPA Approval No:** Cleaning products (Flammable) – HSR002528

### Pictograms



Flammable

Irritant

Signal Word: Danger

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1B	H225	Highly flammable liquid and vapour	Category 2
6.1E (oral)	H303	May be harmful if swallowed	Category 5
6.3B	H316	Causes mild skin irritation	Category 3
6.4A	H319	Causes serious eye irritation	Category 2

Prevention Code	Prevention Statement
P210	Keep away from sparks, open flames and other sources of ignition. No smoking.
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion proof ventilation equipment.
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes, gas or vapours
P264	Wash exposed skin after handling
P280	Wear protective gloves and eye/face protection.

Response Code	Response Statement
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Stop leak if safe to do so.

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool

Disposal Code	Disposal Statement
P501	Dispose of by exporting from New Zealand as waste of by treating the substance so that it is no longer hazardous. *

\* For full details see Section 13 Disposal considerations, of this document or Section 7 (Disposal) of the Group Standard Approval, Cleaning products (Flammable) – HSR002528

### Section 3. Composition / Information on Ingredients

Components	Wt.%	CAS Number
Propan-2-ol	99.6 – 100	67-63-0

## Section 4. First Aid Measures

Routes of Exposure:

- If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
- If on Skin: Wash skin thoroughly with soap and water. If irritation persists get medical advice/attention.
- If Swallowed: DO NOT induce vomiting. Rinse mouth and drink plenty of water.
- If Inhaled: Move affected person to fresh air at once, keep them warm and at rest. Get medical attention immediately.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Solids containing flammable liquid
<b>Hazards from combustion products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases/vapours.
<b>Suitable extinguishing media</b>	Extinguish with the following media: Powder, dry chemicals, water spray, fog or mist. DO NOT use water jet as this will spread the fire.
<b>Precautions for fire-fighters and special protective clothing</b>	Wear positive-pressure self-contained breathing apparatus and appropriate protective clothing. Containers close to fire should be removed if possible without risk. Use water to keep fire exposed containers cool and to disperse vapours.
<b>HAZCHEM CODE</b>	2YE

## Section 6. Accidental Release Measures

Wear personal protective equipment as detailed in Section 8. Observe safe handling practises as stated in Section 7. No smoking, sparks, flames or other ignition sources near spillage. Provide adequate ventilation.

Avoid release into the environment. Do not discharge into drains, sewers, water courses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Dispose of in accordance with Section 13.

## Section 7. Handling and Storage

### Precautions for handling

- Do not eat, drink or smoke while using this product.
- Keep away from heat, flames and other ignition sources
- Avoid spilling
- Avoid contact with eyes and skin
- Provide adequate ventilation
- Avoid inhalation of vapours
- Use an approved respirator if air contamination is above exposure limits.

### Precautions for storage:

- Store in tightly closed container
- Store in original container.
- Store in a cool, dry and well ventilated place.

## Section 8. Exposure Controls / Personal Protection

### Workplace Exposure Standards (provided for guidance only)

Substance	TWA	STEL
Propan-2-ol	200ppm 490mg/m <sup>3</sup>	400ppm 980mg/m <sup>3</sup>

Workplace Exposure Standard – Time Weighted Average (WES – TWA). The time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard - Short-Term Exposure Limit (WES – STEL). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time weighted average exposures apply.

### Engineering controls

Provide adequate general and local exhaust ventilation. Avoid heat, flames and other sources of ignition.

### Personal Protection Equipment

<b>Eyes</b>	If there is any risk of splashing tight fitting safety glasses should be worn.
<b>Hands and Skin</b>	If there is any risk of skin contact then gloves and/or protective clothing should be worn.
<b>Respiratory</b>	If there is any risk of exposure limits being exceeded an approved respirator should be used.
<b>General</b>	Do not smoke in work area. Wash hands at the end of each work shift and before eating, drinking and using the toilet. Promptly remove any clothing that becomes contaminated.

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Clear, colourless liquid
<b>Upper and Lower Explosive Limits</b>	Lower: 2% Upper: 12.7%
<b>Odour</b>	Alcoholic
<b>Odour Threshold</b>	N/A
<b>Vapour pressure</b>	33mm Hg @ 20°C
<b>Vapour density</b>	2.07 (air = 1)
<b>pH</b>	≈7
<b>Specific gravity</b>	0.7850 (water = 1)
<b>Boiling Point</b>	82.4°C
<b>Melting Point</b>	-88°C
<b>Solubility</b>	Miscible in water
<b>Flash Point</b>	11.7°C
<b>Auto-ignition</b>	N/A
<b>Partition coefficient</b>	N/A
<b>Viscosity</b>	N/A
<b>Evaporation Rate</b>	1.7 (n-butyl Acetate = 1)
<b>Decomposition temperature</b>	N/A

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under normal temperatures and pressures
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidising agents, alkalis and mineral acids.
<b>Incompatible materials</b>	Strong oxidising agents
<b>Hazardous Decomposition Products</b>	Thermal decomposition may yield oxides of carbon (CO, CO <sub>2</sub> )

## Section 11. Toxicological Information

### Acute Effects

<b>Swallowed</b>	May be harmful if swallowed. Mixture calculation, LD <sub>50</sub> = 3600mg/kg
<b>Dermal</b>	N/A
<b>Inhalation</b>	N/A
<b>Eye</b>	Causes serious eye irritation
<b>Skin</b>	Causes skin irritation

### Chronic Effects

<b>Carcinogenicity</b>	N/A
<b>Reproductive Toxicity</b>	N/A
<b>Germ Cell Mutagenicity</b>	N/A
<b>Aspiration</b>	N/A
<b>STOT/SE</b>	N/A
<b>STOT/RE</b>	N/A

## Section 12. Eco-toxicological Informational

This product is not known to be hazardous to the environment.

<b>Persistence and Degradability</b>	This product contains mainly inorganic substances which are not biodegradable. The other substances in the product are expected to be readily biodegradable.
<b>Bioaccumulation</b>	No data
<b>Mobility in Soil</b>	No data
<b>Other adverse effects</b>	The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

## Section 13. Disposal Considerations

**Disposal Method:** Recycle if practical, else export from New Zealand as waste, deposit in a landfill providing it will not come into contact with and explosive or oxidising substances or an ignition source or by incineration. For full details see Section 7 (Disposal) of the Group Standard Approval, Cleaning products (Flammable) – HSR002528

**Disposal methods to avoid:** Do not burn containers due to explosion hazard

## Section 14. Transport Information

This product is classified as a Dangerous Good for transport in New Zealand; NZS 5433:2012

### Road and Rail Transport

UN No: 3175  
Class-primary 4.1  
Packing Group II

### Air Transport

UN No: 3175  
Class-primary 4.1  
Packing Group II  
Proper Shipping Name SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S

### Marine Transport

UN No: 3175  
Class-primary 4.1  
Packing Group II  
Proper Shipping Name SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S

## Section 15. Regulatory Information

**This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001**

EPA Approval Code: HSR002528

HSNO Classification: 3.1B, 6.1E (oral), 6.3B, 6.4A

HSNO Controls	Trigger Quantity
Approved Handler	500L
Location Certificate	250L
Signage	250L
Emergency Response Plan	1000L
Secondary Containment	1000L

## Section 16. Other Information

### Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority.
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms
LEL	Lower Exposure Limit
OSHA	American Occupational Safety and Health Administration
TEL	Tolerable Exposure Limit
TLV	Threshold limit Value – an exposure limit set by responsible authority
UEL	Upper Exposure Limit
WES	Workplace Exposure Limit

### Disclaimer

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