

**Safety Data Sheet**

According to Regulation (EU) No. 1907/2006

BATSEAL Clean

Print Date: 04-04-2009

Product Code: SA-CL-(Size)

Page: 1 of 1

1. Identification of the substance - Preparation of the company.

Product Group: Cleaner

Identification of the substance or preparation

BATSEAL Clean

Use of the substance/preparation

Cleaner

Company undertaking identification

Company Name: B.A.T. Trims Pty. Ltd
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PO Box: 4108
Suburb: Dandenong South
State: Victoria
Post code: 3164
Telephone: +61 3 9797 7900 Facsimile: +61 3 9794 9114
Contact Person: Michael Flechsig
Email: michael@battrims.com
Internet: www.battrims.com
Emergency Telephone: 0418 143 672

2. Hazards Identification.**Classification**

Indications of danger: Highly flammable, irritant
R-Phrases: Highly Flammable
Irritating to eyes
Vapours may cause drowsiness and dizziness

3. Composition/information on ingredients.**Chemical characterization. (substance)****Hazardous components**

EC-No.	CAS-No.	Chemical Name	Quantity	Classification
200-661-7	67-63-0	Isopropanol, isopropyl alcohol, propan-2-ol	<= 100 %	F, Xi, R11-36-67

Full text of each relevant R phrase can be found in section 16.

4. First Aid measures.**General information**

Immediately remove all contaminated clothing. Take the injured person out of the danger area and lay him/her down.
Provide fresh air.

After inhalation

Move to fresh air in case of further accidental inhalation of vapours.

After contact with skin

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Rub in high-fat content cream. If skin becomes irritated, seek medical advice.

After contact with eyes

Rinse thoroughly with plenty of water for at least 5 minutes with eyelid open and consult a physician.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting without medical advice. Caution if victim vomits: Risk of aspiration.



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Advice to doctor

The following symptoms can occur:

Headache. Dizziness. Nausea. Intoxication. Unconsciousness

5. Fire Fighting measures.**Suitable extinguishing media**

Water spray, dry extinguishing powder, alcohol resistant foam, carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons.

High volume water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fumes may form explosive mixtures with air.

In case of fire may form: Carbon Monoxide.

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus. Wear a chemical resistant suit.

6. Accidental release measures.**Personal Precautions**

Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours/dust. Wear personal protective equipment. Keep away from unprotected people. Keep upwind from contaminated area.

Environmental precautions

Do not empty into drains or the aquatic environment. Avoid subsoil penetration.

Method for cleaning up/taking up

Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid or universal binding agents). Provide adequate ventilation.

7. Handling and storage.**Handling****Advice on safe handling**

Keep container tightly closed. Avoid contact with skin and eyes. Provide for sufficient ventilation and punctiform suction at critical points. Concentrated vapours are heavier than air.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air. Use only in an area containing explosion proof equipment.

Further information on handling

Keep away from sources of ignition. No Smoking. Take precautionary measures against static discharges.

Storage**Requirements for storage rooms and vessels**

Keep containers in a dry, cool and well ventilated place. Keep in an area equipped with solvent resistant flooring.

Advice on storage compatibility

Keep away from: Oxidizing and spontaneously flammable products, Oxidizing agents.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from direct sunlight.

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8. Exposure controls/personal protection.**Exposure limit values****Exposure limits (EH40)**

CAS-No.	Chemical Name	ml/m ³	mg/m ³	F/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Exposure controls**Protective and hygiene measures**

Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

Respiratory protection

Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation wear suitable respiratory equipment. (Respirator with A2 filter)

Hand protection

Solvent resistant protective gloves. (Butyl rubber)

Eye protection

Tightly sealed safety glasses

Skin protection

Protective clothing

9. Physical and chemical properties.**General information**

Physical state: liquid
Colours: clear
Odour: alcoholic

Important health, safety and environmental information

pH Value Neutral

Changing in the physical state

Melting point: -89.5 °C
Boiling point: 82 °C
Flash point: 12 °C

Explosive properties

The product is not explosive. Fumes may form explosive mixtures with air

Lower explosion limits: 2 vol %
Upper explosion limits: 12 vol %
Vapour pressure: (at 20 °C) 48 hPa
Density: (at 20 °C) 0.785 g/cm³
Water solubility: complete miscible
Viscosity / dynamic: (at 20 °C) 2.43 mPa s
Vapour density 2

Other information

Ignition temperature: > 425 °C

10. Stability and reactivity.**Conditions to avoid**



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Heat, flames and sparks.

Materials to avoid

Strong acids and oxidizing agents.

Hazardous decomposition products

No decomposition if used as directed.

11. Toxicological information.**Acute toxicity**

Has de-greasing effect on the skin. Solvents may degrease the skin. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Liver injury may occur. Risk of product entering the lungs on vomiting after ingestion.

Additional information on specific tests

LD50/oral/rat = 5840 mg/kg

LD50/dermal/rabbit = 13400 mg/kg

12. Ecological information.**Ecotoxicity**

Easily biodegradable (concerning to the criteria of the OECD).

Bioaccumulative potential

Does not bioaccumulate

13. Disposal considerations.**Advice on disposal**

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

Contaminated packaging

Completely emptied packaging can be recycled. Dispose of in accordance with local regulations.

14. Transport information.**Land transport (ADR/RID)**

UN Number: 1219

ADR/RID Class: 3

Packing Group: II

Hazchem: 2[Y]E

Description of goods: Isopropyl alcohol**Inland waterways Transport**

UN Number: 1219

ADNR Class: 3

Packing Group: II

Hazchem: 2[Y]E

Description of goods: Isopropyl alcohol**15. Regulatory information.****Labelling****Danger symbols:****F = Highly Flammable****Xi = Irritant**



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R phrases

- 11 Highly flammable
- 36 Irritating to eyes
- 67 Vapours may cause drowsiness and dizziness

S phrases

- 07 Keep container tightly closed
- 16 Keep away from sources of ignition – No smoking
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- 24/25 Avoid contact with skin and eyes

EU regulatory information

1999/13/EC (VOC): 100%

National regulation

Water contaminating class (D): 1 – slightly water contaminating
Additional information: Refer EC-directive: M 017 "solvent"

16. Other information.**Full text of R-phrases referred to under sections 2 and 3**

- 11 Highly flammable.
- 36 Irritating to eyes.
- 67 Vapours may cause drowsiness and dizziness.

Further information

The data describes only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)