

Material Safety Data Sheet

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Issue date: May 2008

Hazardous according to criteria of Worksafe Australia

STAINLESS STEEL RUB

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Brisbane Total Cleaning Supplies

ABN 30 239 269 224

Unit 9, 29 Moreton Bay Road

CAPALABA QLD 4157

Phone: +61 7 3823 1822

Fax: +61 7 3823 1949

Email: sales@btcs.com.au

Emergency: 0428 835 955

Product Name:

STAINLESS STEEL RUB

Synonyms:

STAINLESS STEEL OIL

Manufacturer's Product Code(s):

STST

Use:

Protective dressing for restoration of stainless steel surfaces

UN Number:

1271

Proper Shipping Name:

FLAMMABLE LIQUID, N.O.S. (Contains PETROLEUM SPIRITS)

Dangerous Goods Class:

3.1

Subsidiary risk:

None allocated

Packing Group:

II

Hazchem Code:

3[Y] E

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
PETROLEUM SPIRITS	Greater than 60%	64742-88-7
POLYSILOXANES	1 to 10%	Mixture

3. HAZARD IDENTIFICATION

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Hazard Category: Harmful

ACUTE HEALTH EFFECTS

Swallowed: Harmful if swallowed. Vomiting may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.

Eye: May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin: May cause irritation to the skin, with effects including redness and itchiness.

Inhaled: Harmful if inhaled. Will cause severe irritation to the nose, throat and respiratory system with effects including: Dizziness, headache, incoordination, chest pains, coughing, respiratory paralysis and or failure.

Chronic: Prolonged or repeated skin contact may lead to dermatitis. Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death.

4. FIRST AID MEASURES

Swallowed: If swallowed, DO NOT induce vomiting. Seek urgent medical assistance.

Eye: If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open. Immediately transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

Inhaled: Remove victim to fresh air. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult. Transport to hospital or doctor immediately.

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.

Flammability: Highly flammable liquid. Avoid all sources of ignition, heat and naked flames. Vapours may travel a considerable distance to source of ignition and ignite.

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6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION: Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Isolate for 800 m in all directions if tank, rail car or tanker truck is involved in fire.

SPILL OR LEAK PROCEDURE: Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

SMALL SPILLS: Take up with sand, dirt or vermiculite. **DO NOT** use sawdust. Use non-sparking tools. Place into labeled drum(s) for later disposal.

LARGE SPILLS: Notify Emergency Services (Police or Fire Brigade). Tell them location, nature and any information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. A supplied air respirator or a Self-Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly. For further information please refer to the Engineering Controls of this MSDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No Exposure details available

Engineering Controls: Highly flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Regular sampling of the atmosphere should be conducted routinely with all appropriate procedures and protective equipment as outlined in this MSDS. Elevated temperature or mechanical action may form vapours, mists or fumes, which may require local exhaust ventilation systems.

Personal Protection Equipment

CLOTHING: PVC, Nitrile, Neoprene, Natural rubber or any other type of apron or splash suit as recommended by the manufacturer.

GLOVES: PVC, Nitrile, Neoprene, Natural rubber or any other type of glove as recommended by the manufacturer.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentrations use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colourless free flowing liquid with solvent odour

Boiling Point Melting Point: 47o to 128oC

Vapour Pressure: 260mm Hg @ 15oC

Specific Gravity: 0.74

Flash Point: -30 oC

Flammability Limits: 1.0 - 7.0 Lel - Uel

Solubility in Water: 0.1%

Vapour density: 3.91

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits acrid smoke and fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis, acids, nitrates and oxidizing agents.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

RISK PHRASES

R11 Highly flammable

R65 Harmful: May cause lung damage if swallowed.

SAFETY PHRASES

S2 Keep out of reach of children.

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S33 Take precautionary measures against static discharge.

S62 If swallowed, do not induce vomiting; Seek medical advice immediately and show this container or label.

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12. ECOLOGICAL INFORMATION

This substance may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste by an approved waste agency. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

UN Number: 1271
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Contains PETROLEUM SPIRITS.)
Dangerous Goods Class: 3.1
Subsidiary risk: None allocated
Packing Group: II
Hazchem Code: 3[Y] E

Classified as a CLASS 3 (FLAMMABLE LIQUID) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following:

- Class 1
- Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3
- Class 4.2
- Class 5
- Class 6, if the Class 3 dangerous goods are nitromethane
- Class 7

Emergency information (Transport):

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76: 1997)

For LIQUIDS - Highly flammable, Guide No: 14

15. REGULATORY INFORMATION

Poison Schedule: S 5

16. OTHER INFORMATION

CONTACT DETAILS

Sales Department	+61 7 3823 1822	In case of poisoning, contact Poisons Information Centre In Australia call Tel: 13 11 26 In New Zealand Tel: 034 747 000
Fax	+61 7 3823 1949	
Mobile	0428 835 955	
Emergency	0428 835 955	

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