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Material Safety Data Sheet – STAINLESS STEEL OIL

1. IDENTIFICATION OF PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: **Stainless Steel Oil**
Synonyms:
CAS-No.:
Molecular Formula:
Supplier:
CLEARCHOICE PRODUCTS PTY LTD
1 Hilton Ave, St.Peters, NSW 2044
Ph. 02 9557 0111

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Stainless Steel Cleaner
Appearance: Clear liquid with distinctive odour
Chemical entity *c.a.s. no.* *proportion*
White Spirits 8052-41-3 medium
White Oil 8042-47-5 medium

3. HAZARDS IDENTIFICATION

Hazardous according to Worksafe Australia

T Toxic

R-phrases

R45 May cause cancer

R65 Harmful: May cause lung damage if swallowed

S-phrases

S45 In case of accident or you feel unwell contact a doctor or Poisons Information Centre immediately(show label where possible).

S53 Avoid exposure-obtain special instructions before use.

Classified as Dangerous Goods for the purpose of transport by Road or Rail. Refer to relevant regulations for storage and transport requirements.

Poisons Schedule (Aust)/Toxic Substance(NZ): S5

4. FIRST AID MEASURES

Poison Information Centres in each State Capital city can provide additional assistance for scheduled poisons.

INGESTION: DO NOT induce vomiting. Drink water. Do not give anything by mouth to an unconscious person. Seek Medical attention immediately.

EYE CONTACT: Immediately flush eyes with large amount of water for 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention immediately.

SKIN CONTACT: Remove all contaminated clothing including footwear. Wash affected areas thoroughly with mild soap and water. If effects persist seek medical advice.

INHALATION: If person experiences nausea, headache or dizziness, person should stop work immediately and move to fresh air until these symptoms disappear. If breathing is difficult, administer oxygen, keep patient warm and rest. Seek medical attention at once

First Aid Facilities: Ensure an eye bath and safety shower are available and ready for use.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Combustible material.

Extinguishing Media: Fire-fighters should wear full protective clothing including self-contained breathing apparatus. Use dry chemical, carbon dioxide foam or water spray.

Unusual Fire and explosive Hazards: Material will not ignite readily, but can be ignited by flame and will burn easily once ignited. Vapors are heavier than air and may accumulate in low areas.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents. Eliminate sources of ignition. Ventilate area and absorb with inert material. Store in closed containers for disposal.

7. HANDLING & STORAGE

STORAGE: Store in tightly closed drums in a cool, dry, well ventilated area free from ignition sources.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

No value assigned for this material by the National Occupational Health and Safety Commission (Worksafe Australia)
Exposure standards for constituents:

	TWA	STEL
	Ppm	mg/m3 ppm mg/m3
White Spirits	790	

As published by the National Occupational Health & Safety Commission (Worksafe Australia).

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

TWA - the time weighted average airborne concentrations 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 over any time during a normal eight-hour day. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. 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.

ENGINEERING MEASURES

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and inhaling mists. Use with local exhaust ventilation or while wearing organic vapour respirator or

particulate respirator meeting the requirements of AS1715 and AS1716. Do not allow material to dry out. Keep containers closed when not in use.

PERSONAL PROTECTION EQUIPMENT

Respiratory: A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV are exceeded.

Protective gloves: Rubber, Neoprene, PVC or equivalent.

Eye protection: Splash proof chemical safety goggles.

Other protective equipment: Lab coat, eye wash and safety shower.

Work Hygienic Practices: Wash thoroughly after handling.

9. CHEMICAL AND PHYSICAL PROPERTIES

Form/Colour/Odour: Clear water thin liquid with a distinctive odour.

Solubility: Not soluble in water

Specific Gravity (25 C) 0.9 Melting Point (C): <0

Rel Vapour Density N Av Boiling Point (C) N Av

Vapour Pressure (25 C) N Av Decomp. Point (C) N Av

Flash Point * Sublimation Point: N Ap

Flammability Limits N Av pH: N Av

Autoignition Temp: N Av Viscosity: Water thin

% Volatile by volume 100 Evaporation Rate: N Av

N Ap = Not applicable N Av = Not Available

10. STABILITY AND REACTIVITY

Stability: Stable over a wide range of pressures and temperatures. Will not react with most other chemicals.

Materials to avoid: Strong acids or bases, oxidising agents, and selected amines.

Hazardous decomposition products: Oxides of Carbon

11. TOXICOLOGICAL INFORMATION

Main symptoms: No adverse health effects expected if the product is handled in accordance with the Safety Data Sheet and the label. Symptoms that may arise if the product is mishandled are:

Ingestion: Irritation of digestive tract, CNS effects.

Eye contact: A severe eye irritant.

Skin contact: Contact with skin may result in skin irritation.

Inhalation: Irritating to respiratory system. CNS effects.

Long Term Effects: No information available for product.

Acute toxicity/Chronic Toxicity: Painters syndrome (brain and nervous system damage).

Signs/Symptoms of over exposure: EYES: redness, burning sensation. SKIN: redness, drying, cracking. INHALED: irritation of respiratory tract, dizziness, headache, fatigue, drowsiness. INGESTED: nausea, vomiting, diarrhea, CNS, effects similar to inhalation.

Medical Condition aggravated by exposure: None reported. People with pre-existing skin or respiratory disorders may be more susceptible to this product.

12. ECOLOGICAL INFORMATION

No information available for product

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods for the purpose of transport by road or rail.

UN No.: 1300 **Class:** 3

Hazchem Code: 3[Y] **EPG:** 3A1

Packaging Group: III

Proper Shipping Name: Turpentine Substitute

Segregation Dangerous Goods: Dangerous goods for transport

15. REGULATORY INFORMATION

Hazardous according to criteria of Worksafe Australia

Hazard Category

T Toxic

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16. OTHER INFORMATION

Issue Date: 18/11/2013 **Author:**C.I. Bright
Poisons Information Centres All States: 131126

17. DISCLAIMER

Refer to State Land Waste Management Authority.