

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Altdorf Cut 'N' Cool 785 Bulk 5L

Product Code: 9863-5000-000

Recommended Use: General Purpose Drilling and Cutting Lubricant.

Supplier: Wolfmach
46 Wilson Street
Wanganui

Telephone Number: 0508 124 125

Emergency Telephone: 111

New Zealand Poisons Centre: 0800 764 766 (0800POISON)

Australian Poisons Centre: 13 1126 (from anywhere in Australia)

2. HAZARDS IDENTIFICATION

Not classified as hazardous

Subclasses: Nil

Hazard and Precautionary Information:

S25 – Avoid contact with eyes

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS Number	Proportion, %	WES TWA, mg/m ³	WES STEL, mg/m ³
Non hazardous ingredients	na	<5%		
Lubricant	na	To 100%		

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone New Zealand 0 800 764766) or a doctor.

Inhalation:

Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

Skin Contact:

If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact:

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion:

Rinse mouth with water. Give a glass of water or milk. Seek medical advice.

Medical attention and special treatment:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. This product is classified as a C2 combustible product. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapors from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.

Fire decomposition products from this product are likely to be irritating if inhaled.

Extinguishing Media: Suitable extinguishing media are carbon dioxide, dry chemical, foam, water fog.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: >210°C, Open cup

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Auto ignition temperature: >250°C (ASTM E 659) this temperature may be significantly lower under particular conditions (slow oxidation on finely divided materials).

Flammability Class: C2

Precautions for fire fighters and special protective equipment:

No special precautions necessary

Hazchem Code: N/A

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6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

No special emergency procedures are required with this product

Methods and materials for containment and clean up:

Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include nitrile, neoprene. Eye/face protective equipment should comprise as minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapors or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product.

This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid skin and eye contact. Product is very slippery and will cause a slip hazard if split on the floor.

Conditions for safe storage: No special conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).

No Exposure Standards assigned to other constituents.

WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

Asphyxiant - gases which can lead to reduction of oxygen concentration by displacement or dilution. The minimum oxygen content in air should be 18% by volume under normal atmospheric pressure.

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. These 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 controls:

Ensure product is not split in unintended areas as it will be slippery and create a hazardous slippery floor

Personal Protective Equipment:

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: transparent, Amber, oily
liquid, free from suspended impurities
Density/Weight per ml @ 25 deg C gm/ml 0.886 ASTM
Kin.Viscosity @ 40 deg C 14 - 17 ASTM D445
Dry Viscosity @ 20 deg C mPas 25 - 32 BP/IP
Flash Point °C Min 210 ASTM D92
Pour Point °C Max -15.0 ASTM D97
Solubility Passes Test BP/Ph.Eur/IP
Readily Carbonisable Substances Passes Test
Solid Paraffins Passes Test USP/BP/PH.Eur/IP
Acidity/Alkalinity Passes Test BP/Ph.Eur/IP
Sulphur Compounds Passes Test IP
Conforms to USP32, BP2010, Ph.Eur 2008 US FDA 21CFR 172.878 & 21CFR 178.3620(a)

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

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

Ingestion: Swallowing may result in nausea and slight gastric irritation in sensitive individuals. Drink water or milk.

Eye contact: May be an eye irritant. Flush with clean water and seek medical advice if irritation persists.

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

Inhalation: Unlikely under conditions of normal use

Long Term Effects: No information available for the product.

Toxicological Data: No LD50 data available for the product.

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12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Refer Wash away with water to sewer linked to waste treatment facility.

14. TRANSPORT INFORMATION

Road and Rail Transport:

Non- hazardous

UN No: None

Class-primary: None

Proper Shipping Name: None

Hazchem Code: None

Marine Transport:

UN No: None

Class-primary: None

Proper Shipping Name: None

Air Transport:

UN No: None

Class-primary: None

Proper Shipping Name: None

15. REGULATORY INFORMATION

Classification: Classified as non-hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclasses:

None

16. OTHER INFORMATION

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For further copies of this sheet or other product information contact Wolfmach

Reason(s) for Issue:

Revised Primary MSDS

Change to Poisons Requirements

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Wolfmach cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Wolfmach representative or Wolfmach at the contact details on page 1.

Wolfmach's responsibility for the material as sold is subject to the terms and conditions of sale.