

Material Safety Data Sheet

Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Altdorf Cut 'N Cool 785
Uses: General purpose drilling and cutting lubricant oil aerosol.
Company: Wolfmach
Address: 46 Wilson Street
Wanganui, NZ
Telephone: +64 6 347 2479
Email: customercare@wolfmach.com
Emergency Number: 0800 764 766
National Poison Centre: 0800 764 766 (0800 POISON)

Section 2 – HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the *Hazardous Substance (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996.

HSNO Classifications:

2.1.2A Flammable aerosol



Signal Words: Warning

Hazard Statements

H223 Flammable aerosol.

Precaution Statements

P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat and open flames/hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurised container: Do not pierce or burn, even after use.
P261 Avoid breathing vapours/mist
P410, P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS No.	Proportion, % m/m
Mineral Oil	-	> 60
Hydrocarbon propellant (Propane, Butane)	106-97-8, 74-98-6	10 - 30
Other ingredients determined to not be hazardous	-	to 100%

Section 4 – FIRST AID MEASURES

If medical advice is needed, have product container or label at hand.

If exposed or if you feel unwell: Call a POISON CENTER or doctor.

Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Inhalation:	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
Ingestion:	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Where there is risk of vomiting, lean person forward or place on left side to avoid aspiration of product into lungs. Obtain immediate medical attention.
Skin contact:	Direct contact may cause irritation in sensitive individuals. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
Notes to physician:	Treat symptomatically and supportively. No specific antidote.

Section 5 – FIRE-FIGHTING MEASURES

Specific hazards:	Containers can build up pressure if exposed to heat and/or fire and may explode. Vapours may form an explosive mixture with air. Vapours can travel to a source of ignition and flash back. Will float and can be re-ignited on surface water. Will burn if involved in a fire.
Further advice:	On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion. Use water spray to keep fire-exposed containers cool.
Extinguishing media:	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do not discharge extinguishing waters into the aquatic environment. Do NOT use straight streams of water.
Hazchem Code:	2YE

Section 6 – ACCIDENTAL RELEASE MEASURES

Minor spills:	Clean up immediately. Remove all sources of ignition. If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Provide ventilation. Wash with water. Spills are extremely slippery. Evacuate the spill area. Call the Fire Brigade. Remove all sources of ignition. If safe to do so, prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal. Wash area down with excess water.
Major spills:	

Section 7 – HANDLING AND STORAGE

Handling Precautions:	Read product label before use. This product is highly flammable. Do not use near open flame, or sources of ignition. No smoking. Pressurised container: Do not pierce or burn, even after use. Use outdoors or in well-ventilated area. Wear personal protective equipment. Wash hands with soap and water after handling. Wash protective clothing separate to household laundry.
Storage:	Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Store in a well ventilated, cool, dry place. Keep away from heat, sparks, and flame. Store locked up.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	No value assigned for this specific material. However, exposure standards for constituents;
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Material	TWA, mg/m ³	STEL, mg/m ³	Category/Notices
Oil Mist, Mineral	5	10	-
Butane	1900	-	-
Propane	Simple Asphyxiant	-	-

Additional Information: Wash hands before eating, drinking and smoking. Do not eat, drink or smoke when using this product.

Engineering Controls: No controls required when handling small quantities. Use with adequate ventilation.

Larger quantities: General exhaust is adequate under normal operating conditions. Ventilation equipment should be explosion-resistant.

Protective Equipment: Gloves, safety glasses or chemical goggles are recommended in an industrial environment. If TWA is exceeded, wear an approved respirator with a type A filter.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Oily liquid.

pH: Not applicable.

Vapour Density: > 1 (Air =1)

Vapour Pressure, kPa: 300 - 600

Boiling Point, °C: Not applicable.

Melting Point, °C: Not applicable.

Specific Gravity: Not applicable.

Flash Point, °C: < 0

Explosion Limit, % v/v: LEL 1.2% UEL 9.5%

Autoignition Temp, °C: Not applicable.

Solubility: Miscible in water. Soluble in common organic solvents.

Section 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage. Not reactive. Avoid oxidisers. Avoid elevated temperatures.

Section 11 – TOXICOLOGICAL INFORMATION

Basis for Assessment:	Information given is based on product testing, and/or similar products, and/or components.
Acute Oral Toxicity:	Low toxicity: LD50 calculated to be > 5000 mg/kg, Rat. May be harmful if swallowed.
Acute Dermal Toxicity:	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis.
Acute Inhalation Toxicity:	Low toxicity: LD50 estimated to be > 5000 mg/kg, Rabbit. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea.
Skin Irritation:	May cause mild skin irritation. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.
Eye Irritation:	Vapours may be irritating to the eye.
Respiratory Irritation:	Inhalation of vapours or mists may cause irritation to the respiratory system.
Repeated Dose Toxicity:	Central nervous system: repeated exposure affects the nervous system. May cause damage to organs. Prolonged contact with product may result in irritant contact dermatitis.
Additional Information:	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

Section 12 – ECOTOXICITY INFORMATION

Ecotoxicity:	Not determined.
Bioaccumulation:	Not determined.

Section 13 – DISPOSAL CONSIDERATIONS

Material Disposal:	Product wastes and containers are considered ecotoxic and should be disposed of in accordance with applicable regional, national legislation. Incineration is suggested. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.
Container Disposal:	Pressurised container: Do not pierce or burn, even after use. Recycle empty container if possible. Large quantities should be degassed by an aerosol recycler. Do not dispose of large quantities of pressurised aerosols in landfills.

Section 14 – TRANSPORT INFORMATION

Transport:	Classified as a dangerous goods according to the NZ Land Transport Rule for road and rail, IMDG for sea, IATA for air. Class 2.1 should not be loaded on the same vehicle as Classes 1, 3 (where both are in bulk), 4, 5, and 7. They may be loaded with Classes 3, 6, 8, 9, foodstuffs and foodstuff empties.
Proper Shipping Name:	Aerosols
UN Number:	1950
Dangerous Goods Class:	2.1
Subsidiary Risk:	None
Packing Group:	Not applicable

Section 15 – REGULATORY INFORMATION

EPA NZ Hazard Classification: Aerosols (Flammable) Group Standard HSR002515

Section 16 – OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information. Since we cannot control the conditions under which the product may be used, each user must review this MSDS in the context of how the user intends to use the product.

End of msds.