

Safety Data Sheet 15/10/2026, NZ Rev.1

Prepared in accordance with the HSNO Act 1996 and the EPA Hazardous Substances (Safety Data Sheets) Notice 2017

SECTION 1 Identification of the substance/mixture and of the supplier

1.1. Product identifier

Product name:	ALTDORF GLACIER 424
Type of product:	Soluble concentrate for metal machining
Code n°:	F-1982
Wolfmach SKU:	CSGLA

1.2. Recommended use : Soluble concentrate for metal machining. Diluted with water before use.

Restrictions on use : Not to be used for any purpose other than the one the product was designed for.

1.3. Details of the supplier of the safety data sheet

Supplier (NZ importer):	Intermac Ltd trading as Wolfmach
Address:	46 Wilson Street, Whanganui 4501, New Zealand
Tel:	0508 124 125
E-mail:	customercare@wolfmach.com
Web:	www.wolfmach.com
Manufacturer:	MetalFlow S.A., C/Ponsich 22, 08820 El Prat de Llobregat, Barcelona, Spain. Tel +34 933 790 044, info@metal-flow.com

1.4. Emergency telephone number

NEW ZEALAND NATIONAL POISONS CENTRE 0800 POISON (0800 764 766) – 24 hours

NZ EMERGENCY SERVICES: 111

Supplier: 0508 124 125 – Mon–Fri, 8:00am – 5:00pm

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classified as hazardous under the Hazardous Substances and New Organisms (HSNO) Act 1996, in accordance with the EPA Hazardous Substances (Hazard Classification) Notice 2020 (GHS Revision 7 as adopted in New Zealand):

Hazard class and category	Hazard statement
Hazardous to the aquatic environment, long-term (chronic) hazard – Category 3	H412

Not classified for any physical or human-health hazard. Not a dangerous good for transport.

2.2. Label elements

Symbols:	None
Signal word:	None
Hazard statement(s):	H412 Harmful to aquatic life with long lasting effects.
Precautionary statements:	P273 Avoid release to the environment. P501 Dispose of contents/container in accordance with local regulations.
Supplementary information:	Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol. May produce an allergic reaction.

2.3. Other hazards

No PBT nor vPvB substance, no endocrine disruptor present. As with all water-mixable metalworking fluids, repeated or prolonged skin contact with the concentrate or in-use dilution may cause defatting of the skin and dermatitis; inhalation of mist should be minimised.

SECTION 3 Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous ingredients:

Chemical identity	CAS No.	Proportion	GHS classification
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5	50 – 100%	Not classified
Alcohols, C16-18 and C18-unsatd., ethoxylated	68920-66-1	<5%	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Sulfonic acids, petroleum, sodium salts	68608-26-4	<5%	Eye Irrit. 2, H319
2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	4719-04-4	<0.1%	Acute Tox. 2 (inhal.), H330 Acute Tox. 4 (oral), H302 Eye Irrit. 2, H319 STOT RE 1, H372 Skin Sens. 1, H317

SECTION 4 First aid measures

4.1. Description of first aid measures

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or a suitable skin cleanser. Do NOT use solvents or thinners. Seek medical advice if irritation or rash develops.

Eye contact

Remove contact lenses if present and easy to do. Rinse with plenty of clean, cool water for at least 10 minutes, holding eyelids open. Seek medical advice.

Ingestion

Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Seek immediate medical advice or call the National Poisons Centre on 0800 764 766.

Inhalation

Remove to fresh air; keep warm and at rest. If breathing is irregular or stops, give artificial respiration. Seek medical advice if symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

No known acute or delayed effects from normal exposure. Prolonged or repeated skin contact may cause irritation or dermatitis; a sensitising ingredient is present at low concentration.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. If in doubt, or if symptoms persist, seek medical attention.

SECTION 5 Firefighting measures

5.1. Extinguishing media

- Recommendation: Dry chemical powder or CO₂. For larger fires, alcohol-resistant foam or water spray (fog).
- Unsuitable extinguishers: Direct water jet. Water or foam where electrical equipment is energised.

5.2. Special hazards arising from the substance or mixture

Not classified as flammable. Combustion may produce carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing. Cool nearby containers with water spray. Prevent fire-fighting run-off entering drains, stormwater or waterways. Hazchem code: none allocated.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear the protective equipment described in Section 8. Spills are slippery – take care when walking on contaminated surfaces.

6.2. Environmental precautions

Prevent entry into drains, stormwater, waterways and soil. For large spills, or if the product enters waterways or drains, notify the regional council and/or the local territorial authority (trade waste / stormwater).

6.3. Methods and material for containment and cleaning up

Contain and absorb with inert absorbent material (sand, earth, vermiculite, diatomaceous earth). Collect into closed, labelled containers for disposal per Section 13. Clean the area with a suitable detergent and collect washings.

6.4. Reference to other sections

See sections 8 and 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes and avoid breathing mist. Do not eat, drink or smoke in work areas. Wash hands after handling. Do not pressurise containers to empty them. Keep in containers of the same material as the original.

7.2. Conditions for safe storage, including any incompatibilities

Store between 5 and 40 °C in a dry, well-ventilated area away from heat, direct sunlight and ignition sources. Protect from frost. Keep containers closed and upright when not in use.

Incompatible materials: oxidising agents; strong acids and alkalis.

Include in the workplace hazardous substance inventory and keep this SDS accessible to workers, as required by the Health and Safety at Work (Hazardous Substances) Regulations 2017.

7.3. Specific end use(s)

Metal machining fluid. No other particular uses.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Workplace Exposure Standards (WorkSafe New Zealand):

Ingredient	Basis	TWA (8 h)	STEL
Oil mist, mineral (CAS 8012-95-1)	WorkSafe NZ WES (om)	5 mg/m ³	10 mg/m ³

om: sampled by a method that does not collect vapour. Source: WorkSafe New Zealand, *Workplace Exposure Standards and Biological Exposure Indices*, 16th edition.

Derived No Effect Levels (manufacturer data, for information):

Ingredient	Route / effect	DNEL (workers)
Sulfonic acids, petroleum, sodium salts	Inhalation, chronic, systemic	0.66 mg/m ³
Hexahydro-1,3,5-triazine-1,3,5-triethanol	Inhalation, chronic, local	0.2 mg/m ³

8.2. Exposure controls

Engineering controls:	Provide adequate general ventilation. Use machine enclosures and local exhaust ventilation or mist collectors where mist is generated.
Eye protection:	Safety glasses with side shields (AS/NZS 1337.1) where splashing is possible, including when mixing the concentrate.
Protection of hands:	Nitrile gloves (AS/NZS 2161 series) for prolonged or repeated contact with the concentrate or in-use dilution.
Skin / body:	Work clothing and safety footwear (AS/NZS 2210). Change oil-soaked clothing promptly. Use barrier and after-work creams as part of a skin-care programme.
Respiratory protection:	Not normally required. If mist levels may exceed the WES, use a particulate-filter respirator (AS/NZS 1716) selected per AS/NZS 1715.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value
Appearance and colour:	Liquid, amber
Odour:	Characteristic
Odour threshold:	N.D.
pH (5%):	9.0
Melting point / freezing point:	N.D.
Initial boiling point and range:	N.D.
Flash point:	N.D.
Flammability:	Not classified as flammable
Upper / lower explosive limits:	N.D.
Vapour pressure:	N.D.
Vapour density:	N.D.
Relative density:	0.88
Solubility:	In water emulsifiable
N-octanol / water partition coefficient:	N.D.
Auto-ignition temperature:	N.D.
Decomposition temperature:	N.D.
Kinematic viscosity:	N.D.

9.2. Additional information

N.A.

SECTION 10 Stability and reactivity

10.1. Reactivity

No hazardous reactivity under normal conditions.

10.2. Chemical stability

Stable under the recommended storage and handling conditions (Section 7).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Extremes of temperature, freezing, and improper handling.

10.5. Incompatible materials

Oxidising agents; strong acids and alkalis (risk of exothermic reaction).

10.6. Hazardous decomposition products

None under intended use. Combustion produces CO and CO₂.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

No toxicological test data are available for the product itself. Classification is based on ingredient data using the calculation method.

Routes of exposure:	Skin and eye contact; inhalation of mist; accidental ingestion.
a) Acute toxicity:	Not classified on available data.
b) Skin corrosion / irritation:	Not classified. Prolonged contact may defat skin and cause dermatitis.
c) Serious eye damage / irritation:	Not classified.
d) Respiratory or skin sensitisation:	Not classified. Contains a skin sensitiser below the classification threshold.
e) Germ cell mutagenicity:	Not classified – data inconclusive.
f) Carcinogenicity:	Not classified – data inconclusive. The base oil is solvent-refined.
g) Reproductive toxicity:	Not classified – data inconclusive.
h) STOT – single exposure:	Not classified – data inconclusive.
i) STOT – repeated exposure:	Not classified on available data.
j) Aspiration hazard:	Not classified – data inconclusive.

11.2. Information on other hazards

No components with endocrine-disrupting properties.

SECTION 12 Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects (classification by calculation). No test data available for the product.

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A. Prevent entry into soil, drains and waterways.

12.5. Results of PBT and vPvB assessment

Substances vPvB: None. Substances PBT: None.

12.6. Endocrine disrupting properties

No endocrine disruptor present.

12.7. Other adverse effects

Not an ozone-depleting substance.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Do not discharge the concentrate or used emulsion to stormwater, sewers or waterways. Dispose of waste product, spent coolant and contaminated absorbent through a licensed waste contractor, or in accordance with the local authority's trade waste bylaws, the Hazardous Substances (Disposal) Notice 2017 and the conditions of the applicable Group Standard. Drain empty containers thoroughly before recycling or disposal.

SECTION 14 Transport information

Not a dangerous good under the Land Transport Rule: Dangerous Goods 2005 and NZS 5433:2020, IMDG Code or IATA DGR.

14.1. UN number

None

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

Not a marine pollutant.

14.6. Special precautions for user

N.A. In the event of a spill during transport, follow Section 6. Hazchem code: none.

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

HSNO approval:	Approved under the Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2020, HSNO Approval No. HSR002606.
NZ Inventory of Chemicals:	All hazardous components are listed on the New Zealand Inventory of Chemicals (NZIoC).
Workplace controls:	Hazardous substance inventory and SDS access required. No certified handler, licence, location compliance certificate or tracking requirement applies to this classification.

Applicable New Zealand legislation:

Hazardous Substances and New Organisms Act 1996

Health and Safety at Work Act 2015

Health and Safety at Work (Hazardous Substances) Regulations 2017

EPA Hazardous Substances (Hazard Classification) Notice 2020
 EPA Hazardous Substances (Labelling) Notice 2017
 EPA Hazardous Substances (Safety Data Sheets) Notice 2017
 EPA Hazardous Substances (Packaging) Notice 2017
 EPA Hazardous Substances (Disposal) Notice 2017
 EPA Hazardous Substances (Hazardous Property Controls) Notice 2017
 Land Transport Rule: Dangerous Goods 2005; NZS 5433:2020

15.2. Chemical safety assessment : None

SECTION 16 Other information

Text of phrases referred to under heading 3:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Date of preparation: 15/10/2026 (NZ Rev.1)

Prepared by: InterMac Ltd t/a Wolfmach, from MetalFlow S.A. SDS Version 7
 (16/02/2026)

Next review due: By 15/10/2031, or sooner if new information becomes available

Changes from source SDS: Revised to NZ requirements: NZ supplier and emergency contacts (S1); NZ HSNO/GHS 7 classification (S2); WorkSafe WES and AS/NZS PPE standards (S8); NZ disposal (S13), transport (S14) and regulatory (S15) references.

The information contained here is based on our knowledge and data supplied by the manufacturer at the date indicated above. It refers solely to the product indicated and constitutes no guarantee of particular quality.

The user must ensure the adequacy and accuracy of this information in relation to the specific use of the product, and comply with all relevant New Zealand legislation.

This SDS cancels and replaces any preceding release.

CAS = Chemical Abstracts Service (American Chemical Society).

DNEL: Derived No Effect Level.

EPA: Environmental Protection Authority (New Zealand).

GHS: Globally Harmonized System of classification and labelling of chemicals.

HSNO: Hazardous Substances and New Organisms.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

NZIoC: New Zealand Inventory of Chemicals.

PBT: Persistent, Bioaccumulative and Toxic.

STEL: Short-Term Exposure Limit.

STOT: Specific Target Organ Toxicity.

TWA: Time-Weighted Average (8 hours).

vPvB: very Persistent, very Bioaccumulative.

WES: Workplace Exposure Standard (WorkSafe New Zealand).