



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	COOL-CUT
Product Identifier	53-B 002 (312 g) Aerosol
MSDS No.	L-01E
Product Family	Lubricant
Manufacturer	J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com
Emergency Contact Information	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 Hours / 7 Days
Use	Metal cutting lubricant

2. HAZARDS IDENTIFICATION

WHMIS Classification



Class A
A - Compressed gas



Class B5
Flammable Aerosol

Potential Health Effects

Route of Exposure	Skin contact; skin absorption; inhalation; ingestion; eye contact.
Inhalation	May cause mild irritation.
Skin Contact	There may irritation and redness at the site of contact.
Eye Contact	EYE IRRITANT. Symptoms include sore, red eyes, and tearing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Dimethyl ether	115-10-6	30-60	N/Av

4. FIRST AID MEASURES

First Aid Procedures

Inhalation	Move victim to fresh air. Call a Poison Control Centre or doctor if victim feels unwell.
Skin Contact	Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes.
Eve Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Transfer to hospital for specialist examination.
Ingestion	Have victim rinse mouth with water. Give plenty of water to drink. Immediately call a Poison Centre or doctor.

5. FIRE FIGHTING MEASURES

Flammable Properties	Flammable.
Suitable Extinguishing Media	Carbon dioxide, dry chemical powder, foam.
Unsuitable Extinguishing Media	None known.

Specific Hazards Arising from the Chemical Combustion emits toxic fumes of carbon dioxide and carbon monoxide.



Protective Equipment and Precautions for Firefighters No special precautions are necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Review Section 7 (Handling) of this MSDS before proceeding with clean-up. Use the Personal Protective Equipment recommended in Section 8 of this MSDS. Slippery after spillage or leakage.

Environmental Precautions Do not allow into any sewer, on the ground or into any waterway.

Methods for Containment and Clean-up Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Dike spilled product to prevent runoff.

7. HANDLING AND STORAGE

Handling No special handling precautions are necessary.

Storage Store between 2°C (35.6°F) and 30°C (86°F). Protect from freezing. Freezing will damage product and render it unusable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA (8hrs)
Dimethyl ether	115-10-6	1000 ppm

Engineering Controls Ensure there is sufficient ventilation in the area.

Personal Protective Equipment (PPE)

Eye/Face Protection Wear chemical safety goggles.

Skin Protection Remove contaminated clothing. Keep away from food.

Wear chemical protective gloves for long lasting skin contact. Nitrile, 0.4 mm thick, permeation time: 480 min.

Respiratory Protection Self-contained breathing apparatus must be available in case of emergency.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol
Appearance	Beige
Odour	Perceptible odour
Specific Gravity	0,78 g/ml @ 25°C (68°F)
Solubility in Water	Insoluble.
pH	Not available
Vapour pressure	5000 hPa
Solubility in Water	Insoluble.
Evaporation Rate	Negligible
Lower Flammable/Explosive Limit	3%
Upper Flammable/Explosive Limit	19%
Auto-ignition Temperature	235 °C (455°F)
VOC (g/L)	390

10. STABILITY AND REACTIVITY

Chemical Stability Normally stable.

Conditions to Avoid None known.

Incompatible Materials None known.

Hazardous Decomposition Products
None known.

Possibility of Hazardous Reactions
None known.

11. TOXICOLOGICAL INFORMATION

LC50/LD50 Values

Ingredients	CAS Number	LD ₅₀ RAT (oral)	LC ₅₀ RAT
Dimethyl ether	115-10-6	N/Av	164000 ppm (8hrs)

Skin Irritation / Corrosion

Human experience shows mild irritation.

Eye Irritation / Corrosion

Human experience shows mild irritation.

Effects of Short-Term (Acute) Exposure

Inhalation

Drowsiness.

Skin Absorption

Human experience shows an allergic skin reaction (skin sensitization) in rare cases following exposure at work.

12. ECOLOGICAL INFORMATION

General Comments Behaviour in sewage plants: From our experience the product does not cause disruptions of purification of sewage. No bioaccumulation. Contains no AOX according to formula. Contains no phosphates.

Persistence and Degradability Does not biodegrade readily.

Mobility Highly volatile.

13. DISPOSAL CONSIDERATIONS

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

14. TRANSPORT INFORMATION

Shipping Information

Regulation	UN No.	Shipping Name	Class	Packing Group
Canadian TDG	1950	Cool Cut (Aerosol)	2,1	N/Av

Other Transport Information

Special Shipping Information Not applicable

15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL)

All ingredients are listed on the DSL.

CEPA - National Pollutant Release Inventory (NPRI)

All ingredients are listed or exempted.

This Product has been classified in accordance with the hazard criteria of the controlled products.

USA

US OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

CERCLA: None

SARA Title III - Section 302: None

SARA Title III - Section 311/312: None

SARA Title III - Section 313: None

New Jersey Right To Know: None

Section 112: Hazardous Air Pollutants (HAPS): None.

16. OTHER INFORMATION

MSDS Prepared By International Project Manager, Environmental & MRO Solutions

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