



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Stainlesscut (aerosol/gel)
Product Identifier	53-B 202
MSDS No.	L-53E
Product Family	Metal cutting lubricant
Manufacturer / Supplier	J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com
Emergency Contact	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 hours / 7 days
Information Use	Stainless steel cutting lubricant

2. HAZARDS IDENTIFICATION

WHMIS Classification



Class A
A- Compressed Gas;



Class B5
B5 - Flammable Aerosol;



Class D2B
D2B - Toxic

Potential Health Effects

Route of Exposure

Inhalation; skin contact; skin absorption; eye contact; ingestion.

Inhalation

Headache and general malaise may result if ingested, somnolence if inhaled and irritation to the area of contact.

Skin Contact

There may be irritation and redness at the site of contact.

Eye Contact

There may be irritation and redness.

Ingestion

Headaches and general malaise may result.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Propane	74-98-6	1 - 10	N/Av
Butane	106-97-8	20 - 30	N/Av
Isobutane	75-28-5	1 - 10	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. If unconscious, remove victim from exposure ensuring one's safety whilst doing so, check for breathing and apply artificial respiration if necessary.

Skin Contact

There may be mild irritation at the site of contact. Immediately flush with lukewarm, gently

flowing water for 15-20 minutes.

Eye Contact

Immediately and briefly flush with lukewarm, gently flowing water for 15-20 minutes, while holding eyelid(s) open. Transfer to hospital for specialist examination.

Ingestion

Immediately call a Poison Control Centre or doctor. Treatment is urgently required. Transport to a hospital.

5. FIRE FIGHTING MEASURES

Flammable Properties

Extremely Flammable. Forms explosive air-vapour mixture. Can ignite if heated.

Suitable Extinguishing Media

Foam, dry chemical powder and CO².

Specific Hazards Arising from the Chemical

Extremely flammable.

Protective Equipment and Precautions for Firefighters

Wear self-contained respirator. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use the Personal Protective Equipment recommended in Section 8 of this MSDS. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Environmental Precautions

Dispose as per municipal, provincial and federal regulations.

Methods for Containment and Clean-up

Soak up with absorbent material, place in approved containers.

7. HANDLING AND STORAGE

Handling

Ensure there is sufficient ventilation in the area. Do not handle in a confined space. Smoking is forbidden.

Storage

Store in an area that is: out of direct sunlight and away from heat (< 50° C) and ignition sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA (8hrs)
Propane	74-98-6	1000 ppm
Butane	106-97-8	800 ppm
Isobutane	75-28-5	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

Solvent resistant protective clothing. Nitrile Gloves, permeation time > 8 hours.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Aerosol

Appearance

Gold / Brown

Odour

Perceptible

Solubility in Water

Non-miscible

Flash Point

-60 °C (-76 °F)

Evaporation Rate

Negligible

Vapour Pressure

4200 hPa

Density

0,738 g/ml @ 25°C

Lower Flammable/Explosive Limit	1,4%
Upper Flammable/Explosive Limit	32%
Auto-ignition Temperature	510 °C (950 °F)
VOC (g/L)	360

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable.
Conditions to Avoid	Open flames, sparks, static discharge, heat and other ignition sources.
Incompatible Materials	Oxidizing agents (e.g. peroxides).
Hazardous Decomposition Products	N/Av

11. TOXICOLOGICAL INFORMATION

LC50/LD50 Values

Chemical Name	CAS Number	LD50 Rat	LC50 Rat
Propane	74-98-6	N/Av	>20% (4hrs)
Butane	106-97-8	N/Av	658 g./c.m. (4hrs)
Isobutane	75-28-5	N/Av	14,2% (4hrs)

Skin Irritation / Corrosion	Human experience shows mild irritation
Eye Irritation / Corrosion	Human experience and animal tests show mild irritation.

12. ECOLOGICAL INFORMATION

Persistence and Degradability	Does not biodegrade readily.
Mobility	Highly volatile. Vapour is heavier than air.

13. DISPOSAL CONSIDERATIONS

Eliminate while respecting municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Shipping Information

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

Other Transport Information

Special Shipping Information	Not applicable
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15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL)	All ingredients are listed on the DSL.
CEPA - National Pollutant Release Inventory (NPRI)	Not specifically listed.

USA

US OSHA Regulatory Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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**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	Project Manager, Environmental Solutions and MRO
Phone No.	1-888-592-5837
Date of Preparation	July 26, 2012