



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	CHAIN GANG
Product Identifier	53-D 102 (400ml), Aerosol
MSDS No.	L-05E
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	High load chain lubricant

2. HAZARDS IDENTIFICATION

WHMIS Classification



Class A



Class B5



Class D2B

A - Compressed Gas; B5 - Flammable Aerosol; D2B - Toxic

Potential Health Effects

Route of Exposure Inhalation; skin contact; skin absorption; eye contact; ingestion.

Inhalation Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Skin Contact May cause mild irritation.

Eye Contact EYE IRRITANT. Symptoms include sore, red eyes, and tearing.

Potential Environmental Effects

Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Butane	106-97-8	30-50	N/Av
Propane	74-98-6	10-20	N/Av
Alkanes, C14-17, chloro (40-50%)	85535-85-9	10-20	N/Av
Isobutane	75-28-5	1-10	N/Av
Light aromatic solvent naphtha	64742-95-6	1-10	N/Av
Molyform	1317-33-5	1-10	N/Av
Naphtha (petroleum), hydrotreated light	64742-49-0	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 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 Carbon dioxide, dry chemical powder, water spray.
Specific Hazards Arising from the Chemical In combustion, emits toxic fumes.
Protective Equipment and Precautions for Firefighters Wear fire equipment at all times. Wear self-contained respirator. Wear protective clothing to prevent contact with skin and eyes.
See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
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.

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: cool, well-ventilated. Keep away from direct sunlight. Keep in original packaging.
Keep away from sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA
Butane	106-97-8	1000 ppm (8hrs)
Propane	74-98-6	1000 ppm (8hrs)
Alkanes, C14-17, chloro (40-50%)	85535-85-9	170ppm (8hrs)
Isobutane	75-28-5	1000 ppm (8hrs)
Light aromatic solvent naphtha	64742-95-6	50 ppm (8hrs)
Molyform	1317-33-5	15 mg/m3 (8hrs)
Naphtha (petroleum), hydrotreated light	64742-49-0	170 ppm (8hrs)

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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Aerosol
Odour Characteristic
Specific Gravity 0,71 g/ml 20°C (68 °F)
Solubility in Water Insoluble.
Evaporation Rate Moderate
Viscosity Kinematic (Aerosol) 2560 cps @ 20°C (68 °F)
Viscosity Kinematic (Liquid) 85000 cps @ 20°C (68 °F)
Lower Flammable/Explosive Limit 1,4%
Upper Flammable/Explosive 32%

Limit

Auto-ignition Temperature 510 °C (950 °F)

VOC (g/L) 424 g/L

10. STABILITY AND REACTIVITY**Chemical Stability** Normally stable.**Conditions to Avoid** Heat, open flames, sparks, static discharge and other ignition sources. Avoid direct sunlight.**Incompatible** Oxidizing agents (e.g. peroxides).**Materials****Hazardous Decomposition Products** In combustion, emits toxic fumes of carbon dioxide, carbon monoxide, hydrogen chloride and phosgene.**11. TOXICOLOGICAL INFORMATION****LC50/LD50 Values**

Ingredients	CAS Number	LD ₅₀ RAT (oral)	LC ₅₀ RAT
Butane	106-97-8	N/Av	658 g/cm (4hrs)
Propane	74-98-6	N/Av	> 20% (4hrs)
Alkanes, C14-17, chloro (40-50%)	85535-85-9	N/Av	N/Av
Isobutane	75-28-5	N/Av	> 20% (4hrs)
Light aromatic solvent naphtha	64742-95-6	N/Av	> 14.4 mg/L (6hrs)
Naphtha (petroleum), hydrotreated light	64742-49-0	> 2900 mg/kg (2hrs)	N/Av

Skin Irritation / Corrosion

Human experience and animal tests show mild irritation.

Eye Irritation / Corrosion

Human experience shows mild irritation.

12. ECOLOGICAL INFORMATION**Persistence and Degradability** Does not biodegrade readily.**Bioaccumulation / Accumulation** Harmful to aquatic organisms.**Mobility** Highly volatile.**Other Adverse Effects** Harmful to aquatic organisms.**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	Chain Gang (Aerosol)	2.1	N/Av

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.

Page 3 of 4

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

Phone No. 1-888-592-5837

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