



## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>ROCK'N ROLL Aerosol</b>
<b>Product Identifier</b>	53-D 852 (400 ml), Aerosol
<b>MSDS No.</b>	L-43E
<b>Product Family</b>	Lubricant
<b>Manufacturer</b>	J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com
<b>Emergency Contact Information</b>	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 Hours / 7 Days
<b>Use</b>	Ceramic anti-seize 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.

**Ingestion** Headaches or general malaise may result.

**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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Naphtha (petroleum), hydrotreated light	64742-49-0	30-50	N/Av
Butane	106-97-8	20-30	N/Av
Isobutane	75-28-5	1-10	N/Av
Propane	74-98-6	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.

**Skin Contact** Immediately flush with lukewarm, gently flowing water for 15-20 minutes.

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

## 5. FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	Extremely Flammable. Forms explosive air-vapour mixture. Can ignite if heated.
<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.
<b>Specific Hazards Arising from the Chemical</b>	In combustion, emits toxic fumes.
<b>Protective Equipment and Precautions for Firefighters</b>	Wear fire equipment at all times. Wear self-contained respirator. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use the Personal Protective Equipment recommended in Section 8 of this MSDS.
<b>Environmental Precautions</b>	Do not allow into any sewer, on the ground or into any waterway.
<b>Methods for Containment and Clean-up</b>	Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure there is sufficient ventilation in the area. Do not handle in a confined space. Smoking is forbidden.
<b>Storage</b>	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 (8hrs)
Naphtha (petroleum), hydrotreated light	64742-49-0	170ppm
Propane	74-98-6	1000ppm
Butane	106-97-8	1000ppm
Isobutane	75-28-5	1000ppm

**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.

Wear chemical protective gloves for long lasting skin contact.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Aerosol
<b>Appearance</b>	White.
<b>Odour</b>	Characteristic
<b>Specific Gravity</b>	0,676 g/ml @ 20°C (68 °F)
<b>Vapour Pressure</b>	3200 hPa
<b>Solubility in Water</b>	Insoluble.
<b>Flash Point</b>	-60 °C (-76 °F)
<b>Lower Flammable/Explosive Limit</b>	1,4%
<b>Upper Flammable/Explosive Limit</b>	32%
<b>Auto-ignition Temperature</b>	510 °C (950 °F)
<b>VOC (g/L)</b>	558

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable.
<b>Conditions to Avoid</b>	Heat, open flames, sparks, static discharge and other ignition sources. Avoid direct sunlight.
<b>Incompatible</b>	Oxidizing agents (e.g. peroxides).
<b>Materials</b>	
<b>Hazardous Decomposition Products</b>	In combustion, emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

### LD50/LC50

Ingredients	CAS Number	LD <sub>50</sub> RAT (oral)	LC <sub>50</sub> RAT
Naphtha (petroleum), hydrotreated light	64742-49-0	> 2900 mg/kg (2hrs)	N/Av
Butane	106-97-8	N/Av	658 g/cm for 4 hours
Propane	74-98-6	N/Av	> 20% (4hrs)
Isobutane	75-28-5	N/Av	14,2% for 4 hours

### Skin Irritation / Corrosion

Mild

### Effects of Short-Term (Acute) Exposure

#### Inhalation

May cause drowsiness and mild irritation at contact area.

#### Skin Absorption

Mild irritation in contact area.

## 12. ECOLOGICAL INFORMATION

**Persistence and Degradability** Does not biodegrade readily.

**Bioaccumulation / Accumulation** 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	ROCK'N ROLL (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

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

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## USA

### US OSHA Regulatory Status

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

### Additional USA Regulatory Lists

CERCLA: RQ: None.

SARA Title III - Section 302: None

SARA Title III - Section 311/312: None

New Jersey Right To Know: Substance No. 1040 (Isobutane CAS 75-28-5), Substance No. 0273 (Butane CAS 106-97-8)

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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