



## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>Slap Shot PL Aerosol</b>
<b>Product Identifier</b>	53-C 552 (400 ml)
<b>MSDS No.</b>	L-64E
<b>Manufacturer / Supplier</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>	Cleaner/degreaser, safe on plastics

### 2. HAZARDS IDENTIFICATION

#### WHMIS Classification



Class A



Class B5



Class D2B

A - Compressed Gas; B5 - Flammable Aerosol; D2B - Toxic (Skin irritant; Eye irritant)

#### Potential Health Effects

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Naphtha (petroleum), hydrotreated light	64742-49-0	>70	N/Av
Isopropanol	67-63-0	1-10	N/Av
Carbon dioxide gas	124-38-9	1-10	N/Av

### 4. FIRST AID MEASURES

#### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.
<b>Skin Contact</b>	Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Call a Poison Centre or doctor if the victim feels unwell.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. See a doctor immediately.
<b>Ingestion</b>	Have victim rinse mouth with water. DO NOT INDUCE VOMITING DANGER of aspiration. Call a Poison Centre or doctor immediately.

### 5. FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	FLAMMABLE AEROSOL.
<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical powder or appropriate foam.
<b>Unsuitable Extinguishing Media</b>	None known.
<b>Specific Hazards Arising from the Chemical</b>	Carbon monoxide and carbon dioxide.

**Protective Equipment and Precautions for Firefighters** Use extreme caution. Fight fire from a safe distance or a protected location. Before entry, especially into confined areas, use an appropriate monitor to check for: flammable or explosive atmosphere. Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills. See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Increase ventilation to area or move leaking container to a well-ventilated and secure area. Vapour or gas may collect in hazardous amounts, at ceilings and at the top of confined spaces, if ventilation is not sufficient. Eliminate all ignition sources. Use grounded, explosion-proof equipment. Review Section 7 (Handling) of this MSDS before proceeding with clean-up. Use the Personal Protective Equipment recommended in Section 8 of this MSDS.

**Environmental Precautions** It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

**Methods for Containment and Clean-up** Ventilate the area to prevent the gas from accumulating, especially in confined spaces. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product. Review Section 13 (Disposal Considerations) of this MSDS.

## 7. HANDLING AND STORAGE

**Handling** Do not smoke Only use where there is adequate ventilation. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Keep containers tightly closed when not in use or empty. Ground containers.

**Storage** Store in an area that is: cool, dry well-ventilated, out of direct sunlight and away from heat and ignition sources, an approved, fire-resistant area. Engineering controls are usually required in the storage area to protect against the product's hazard(s). Review Section 8 (Exposure Controls/Personal Protection) for information. Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Electrically bond and ground containers. Ground clips must contact bare metal. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this MSDS.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA (8hrs)
Naphtha (petroleum), hydrotreated light	64742-49-0	200 ppm
Isopropanol	67-63-0	200 ppm
Carbon dioxide gas	124-38-9	5000ppm

**Engineering Controls** Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Mechanical ventilation is recommended for all indoor situations. Well designed and well-maintained ventilation systems remove vapours, fumes, mists from the workplace. If ventilation is insufficient, wear breathing apparatus protection. Provide eyewash and safety shower if contact or splash hazard exists.

### Personal Protective Equipment (PPE)

**Eye/Face Protection** Wear chemical safety goggles.

**Skin Protection** Avoid repeated or prolonged skin contact. Wear nitrile protective gloves.

**Respiratory Protection** Wear respiratory protection if ventilation is inadequate.

**General Hygiene Considerations** Wash hands before break and after work. Keep away from food and drinking stuff. Remove contaminated clothing. Do not breathe vapours. Avoid contact with eyes and skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Aerosol
<b>Appearance</b>	Clear colourless liquid.
<b>Odour</b>	Characteristic Odour
<b>Evaporation rate</b>	Fast.
<b>Boiling Point</b>	N/Av
<b>Freezing Point</b>	> -60 °C (-76 °F)

<b>Specific Gravity</b>	0,709 g/ml
<b>Solubility in Water</b>	Insoluble.
<b>pH</b>	Not applicable
<b>Vapour Pressure</b>	200 hPa
<b>Flash Point</b>	-60 °C (-76 °F) (closed cup)
<b>Lower Flammable/Explosive Limit</b>	1%
<b>Upper Flammable/Explosive Limit</b>	32%
<b>Auto-ignition Temperature</b>	510 °C (950 °F)
<b>VOC (g/L)</b>	675

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable.
<b>Conditions to Avoid</b>	Open flames, sparks, static discharge, heat and other ignition sources.
<b>Incompatible Materials</b>	Strong oxidizing agents (e.g. perchloric acid).
<b>Hazardous Decomposition Products</b>	Carbon monoxide and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	CAS Number	LD50 RAT (rat)	LC50 (rat)
Naphtha (petroleum), hydrotreated light	64742-49-0	> 2900 mg/kg (2hrs)	N/Av
Isopropanol	67-63-0	5045 mg/kg	500 ppm
Carbon dioxide gas	124-38-9	N/Av	9,000 ml/m3 54,000 ml/m3

## 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	Highly volatile. Vapour is heavier than air.
<b>Persistence and degradability</b>	Not biodegradable.
<b>Bioaccumulative potential</b>	N/Av
<b>Other adverse effects</b>	Toxic to aquatic organisms.

## 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	Slap Shot PL (Aerosol)	2,1	N/Av

### Other Transport Information

**Special Shipping Information** Please note: Do not exceed temperature of 50°C (122°F)

## 15. REGULATORY INFORMATION

### Canada

#### Domestic Substances List (DSL)

All ingredients are listed on the DSL.

#### CEPA - National Pollutant Release Inventory (NPRI)

Part 5 Butane (all isomers).

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

### Additional USA Regulatory Lists

CERCLA: RQ: none.

EPA Registration No.: None

SARA Title III - Section 302: None

SARA Title III - Section 311/312: None

SARA Title III - Section 313: None

Section 112: Hazardous Air Pollutants (HAPS): None

## 16. OTHER INFORMATION

<b>MSDS Prepared By</b>	Product Manager, Environmental and MRO Solutions
<b>Phone No.</b>	1-888-592-5837
<b>Date of Preparation</b>	June 29, 2011