



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

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>SC 400</b>
<b>Product Identifier</b>	53-G513, 53-G516, 53-G517, 53-G 518
<b>MSDS No.</b>	L-68E
<b>Product Family</b>	Natural Cleaner / Degreaser
<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</b>	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 hours / 7 days
<b>Information Use</b>	Natural Cleaner / Degreaser

## 2. HAZARDS IDENTIFICATION

### WHMIS Classification



Class D2B  
D2B - Toxic



Class B3  
B3 - Combustible

### 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
di-Limonene	94266-47-4	40-70	N/Av
Ethyl Lactate	97-64-3	15-40	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.
<b>Eye Contact</b>	Immediately and briefly flush with lukewarm, gently flowing water for 15-20 minutes, while holding eyelid(s) open. Transfer to hospital for specialist examination.
<b>Ingestion</b>	Do not induce vomiting. Consult a physician immediately.

## 5. FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	Flammable. Can ignite if heated.
<b>Suitable Extinguishing Media</b>	Foam, dry chemical powder and CO <sup>2</sup> .
<b>Specific Hazards Arising from the Chemical</b>	Extremely flammable.
<b>Protective Equipment and Precautions for Firefighters</b>	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. Eliminate all ignition sources. Use grounded, explosion-proof equipment.
<b>Environmental Precautions</b>	Dispose as per municipal, provincial and federal regulations.
<b>Methods for Containment and Clean-up</b>	Danger ! Slippery! Pick up the product using protective equipment.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure there is sufficient ventilation in the area.
<b>Storage</b>	Store in an area that is: out of direct sunlight and away from heat (< 50° C) and ignition sources (oxidizers).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA (8hrs)
di-Limonene	94266-47-4	30 ppm
Ethyl Lactate	97-64-3	200 ppm

<b>Engineering Controls</b>	Ensure there is sufficient ventilation in the area.
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face Protection</b>	Wear chemical safety goggles.
<b>Skin Protection</b>	Solvent resistant protective clothing. Nitrile Gloves, permeation time > 8 hours.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Gold / Brown
<b>Odour</b>	Light citrus
<b>Solubility in Water</b>	Non-miscible
<b>Flash Point</b>	45 °C (113 °F)
<b>Evaporation Rate</b>	N/Av
<b>Vapour Pressure</b>	N/Av
<b>Density</b>	0,90 g/ml

<b>Lower Flammable/Explosive Limit</b>	0,7%
<b>Upper Flammable/Explosive Limit</b>	6,1%
<b>Auto-ignition Temperature</b>	400 °C (752 °F) for ethyl lactate
<b>VOC (g/L)</b>	900

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable.
<b>Conditions to Avoid</b>	Open flames, sparks, static discharge, heat and other ignition sources.
<b>Incompatible Materials</b>	Oxidizing agents (e.g. peroxides).
<b>Hazardous Decomposition Products</b>	Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	CAS Number	LD50 Rat	LC50 Rat
di-Limonene	94266-47-4	5 g/kg	N/Av
Ethyl Lactate	97-64-3	2500 mg/kg	5400 mg/m <sup>3</sup> (8hrs)

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

## 12. ECOLOGICAL INFORMATION

<b>Persistence and Degradability</b>	Biodegradable
<b>Mobility</b>	Flammable liquid.

## 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	SC 400	3	N/Av

### Other Transport Information

<b>Special Shipping Information</b>	Flammable liquid, N.O.S. (Dipentene), Class 3, UN1993, P.G. III
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## 15. REGULATORY INFORMATION

### Canada

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

### USA

<b>US OSHA Regulatory Status</b>	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

<b>MSDS Prepared By</b>	Product Manager, Environmental Solutions and MRO
<b>Phone No.</b>	1-888-592-5837
<b>Date of Preparation</b>	March 13, 2013