



# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>E-NOX SHINE</b>
<b>Product Identifier</b>	53-G 406 (5 L), 53-G 407(20 L), 53-G 408 (208 L), 53-G 403 (500 mL),
<b>MSDS No.</b>	L-102E
<b>Product Family</b>	E-NOX Family Cleaning and Degreasing
<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>	Stainless steel surface cleaner and protector

## 2. HAZARDS IDENTIFICATION

**WHMIS Classification**

Not a WHMIS controlled product.

**Potential Health Effects**

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

**Eye Contact** May cause eye irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

## 4. FIRST AID MEASURES

**First Aid Procedures**

**Inhalation** Move victim to fresh air.

**Skin Contact** Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes.

**Eye Contact** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If irritation or pain persists, see a doctor.

**Ingestion** Have victim rinse mouth with water. Give plenty of water to drink **DO NOT INDUCE VOMITING** Call a Poison Centre or doctor if the victim feels unwell.

**First Aid Comments** Change saturated clothing.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** Non-flammable.

**Suitable Extinguishing Media** All extinguishing media possible.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical** This product presents no unusual hazards in a fire situation. Not known to generate any hazardous decomposition products in a fire.

**Protective Equipment and Precautions for Firefighters** No special precautions are necessary. See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Slippery after spillage or leakage.

**Environmental** Do not allow to enter drains, ground water or soil. Take up mechanically or take up residues

<b>Precautions</b>	with absorbent material, rinse with large quantities of water.
<b>Methods for Containment and Clean-up</b>	Contain and soak up spill with absorbent that does not react with spilled product. Contaminated absorbent poses the same hazard as the spilled product. Flush spill area. Review Section 13 (Disposal Considerations) of this MSDS.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep containers tightly closed when not in use or empty.
<b>Storage</b>	Store between 0°C (32°F) and 40°C (104°F). Freezing will damage this product. Excessive heat will also damage this product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls</b>	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.
<b>Personal Protective Equipment (PPE)</b>	
<b>Eye/Face Protection</b>	Wear chemical safety goggles or face shield when contact is possible.
<b>Skin Protection</b>	Wear chemical protective gloves for long lasting skin contact. Nitrile rubber gloves 0.4 mm thick, permeation time 480 minutes.
<b>Respiratory Protection</b>	Wear respiratory protection if ventilation is inadequate.
<b>General Hygiene Considerations</b>	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>	Liquid
<b>Appearance</b>	Milky white liquid.
<b>Odour</b>	Mild
<b>Boiling Point</b>	95 °C (203 °F)
<b>Freezing Point</b>	0 °C (32 °F)
<b>Specific Gravity</b>	0,95 g/ml @ 20°C (68°F)
<b>Solubility in Water</b>	Soluble.
<b>pH</b>	~ 11,5
<b>Flash Point</b>	Not applicable
<b>Lower Flammable/Explosive Limit</b>	Not applicable
<b>Upper Flammable/Explosive Limit</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>VOC (g/L)</b>	0

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.
<b>Possibility of Hazardous Reactions</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

<b>Skin Irritation / Corrosion</b>	Not a skin irritant.
<b>Eye Irritation / Corrosion</b>	Slight irritation of eyes possible.

## 12. ECOLOGICAL INFORMATION

**General Comments** Behaviour in sewage plants: the product does not cause any disruption of sewage plants. The surfactants in the product are >90% biodegradable. Contains no phosphate. According to the formula, contains no Adsorbable Organic Halogen (AOX).

## 13. DISPOSAL CONSIDERATIONS

Eliminate while respecting municipal, provincial and federal regulations. Consider pH value.

## 14. TRANSPORT INFORMATION

### Shipping Information

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

### 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 not specifically listed.

### USA

#### US OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

#### 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: 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: Substance No. 0835 (ethanolamine CAS 141-43-5).

Section 112: Hazardous Air Pollutants (HAPS): None

## 16. OTHER INFORMATION

**MSDS Prepared By** Product Manager, Environmental and MRO solutions

**Phone No.** 1-888-592-5837

**Date of Preparation** February 1st 2012