



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	POWER CLEANER 100
Product Identifier	53-G 253, 53-G 256, 53-G257
MSDS No.	L-23E
Product Family	UNO family products
Manufacturer / Supplier	J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com
Emergency Contact	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 hours / 7 days
Information Use	High-performance, VOC free Rust remover/Acidic cleaner

2. HAZARDS IDENTIFICATION

WHMIS Classification


Class D2B, E

D2B - Toxic (Skin irritant; Eye irritant; Skin sensitization)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

Potential Health Effects

Route of Exposure	Skin contact; eye contact; ingestion, inhalation.
Inhalation	Exposure to high vapour concentrations may cause respiratory tract irritation.
Skin Contact	Prolonged or repeated contact can cause irritation or burns.
Eye Contact	Prolonged or repeated contact can cause irritation or burns.
Ingestion	May be drawn into the lungs if swallowed or vomited.
Accute exposure effects	Severe eye irritant, skin irritant.
Chronic exposire effects	Prolonged or repeated contact can cause irritation or burns.
Carcinogenicity	Not known to cause cancer.
Mutagenicity	Not know to be a mutagen.
Reproductive toxicity	Not know to be a reproductive hazard.
Teratogenicity	Not know to harm the unborn child.
Synergistic effects	No know effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Phosphoric acid	7664-38-2	10-30%	N/Av
Aminosulfonic acid	5329-14-6	1-5%	N/Av

4. FIRST AID MEASURES

First Aid Procedures

Inhalation

Remove patient to fresh air.

Skin Contact	Continuously flush contaminated area with lukewarm, gently flowing water for a at least 30 minutes. Under running water, remove clothing, shoes and contaminated leather articles. Consult a physician.
Eye Contact	Immediately rinse exposed eyes by maintaining eyelids opened and continuously flushing contaminated area with lukewarm gently flowing water for at least 30 minutes. Consult a physician immediately.
Ingestion	Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Rinse mouth thoroughly. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.
Other	Remove contaminated clothing and wash before reusing. In all cases consult a physician.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Non flammable
Specific Hazards Arising from the Chemical	If mixed with cleaners containing chlorides, chlorine will be set free.
Protective Equipment and Precautions for Firefighters	Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use chemical safety goggles and/or full face shield. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Environmental Precautions	Eliminate while respecting municipal, provincial and federal regulations.
Methods for Containment and Clean-up	Wipe up with an absorbent material. Rinse small quantities with water. Neutralize. TECH TIP : After application of POWER CLEANER 100, neutralize with a product from the UNO family.

7. HANDLING AND STORAGE

Handling	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.
Storage	Store under 50°C. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA (8hrs)
Phosphoric acid	7664-38-2	1 mg/m ³
Aminosulfonic acid	5329-14-6	3 mg/m ³

Engineering Controls	N/A
Personal Protective Equipment (PPE)	
Eye/Face Protection	Use chemical safety goggles and/or full face shield.
Skin Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	None

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Yellow
Odour	Odourless
Boiling Point	98°C (208.4°F)

Freezing Point	0°C (32°F)
Solubility in Water	Soluble
Density	1,15 g/ml 20°C (68°F)
Vapour Pressure	N/Av
Evaporation Rate	N/Av
Flash Point	N/Av
Lower Flammable/Explosive Limit	N/Av
Upper Flammable/Explosive Limit	N/Av
Auto-ignition Temperature	N/Av
VOC (g/L)	0

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	None
Incompatible Materials	Reaction with strong Bases
Hazardous Decomposition Products	If mixed with cleaners containing chlorides, chlorine will be set free.

11. TOXICOLOGICAL INFORMATION

LC50/LD50 Values

Chemical Name	CAS Number	LD50 Rat	LC50 Rat
Phosphoric acid	7664-38-2	1530 mg/kg	N/Av
Aminosulfonic acid	5329-14-6	3160 mg/kg	N/Av

Skin Irritation / Corrosion Human experience shows severe irritation with acute exposure.

Eye Irritation / Corrosion Human experience and animal tests show severe irritation or burns with prolonged or repeated contact.

12. ECOLOGICAL INFORMATION

Persistence and Degradability

Mobility

13. DISPOSAL CONSIDERATIONS

Eliminate while respecting municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Shipping Information

Regulation	UN No.	Shipping Name	Class	Packing Group

Other Transport Information

Special Shipping Information Corrosive liquid, acidic, inorganic, N.O.S. (Phosphoric acid) class 8, UN3264, P.G. III

15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL) All ingredients are listed on the DSL. ??

CEPA - National Pollutant Release Inventory (NPRI) Not specifically listed.

USA

US OSHA Regulatory Status

This material is considered non-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.

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	Project Manager, Environmental Solutions and MRO
Phone No.	1-888-592-5837
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