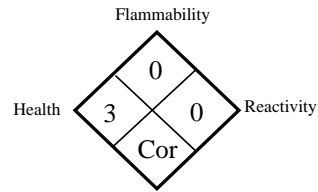




# MATERIAL SAFETY DATA SHEET

## L-23E

### NFPA Hazard Rating



### Section 1 - Product Identification

J. WALTER COMPANY LTD.  
5977 Transcanada Highway  
Pointe-Claire, Quebec  
H9R 1C1  
Emergency: CANUTEC (613) 996-6666

Trade name: **POWER CLEANER 2**  
Product name: Rust Remover/Acidic Cleaner  
Order no.: 53G253, 53G256, 53G257  
WHMIS Classification: D2B, E  
Controlled under WHMIS: Yes

### Section 2 - Hazardous Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD<sub>50</sub>RAT (Oral)</u>	<u>LC<sub>50</sub>RAT</u>
Phosphoric acid	7664-38-2	10-30%	1530 mg/kg	N/Av
Aminosulfonic acid	5329-14-6	1-5%	3160 mg/kg	N/A
Tripropylene Glycol Methyl Ether	25498-49-1	1-5%	3500 mg/kg	N/AV

### Section 3 - Physical / Chemical Characteristics

<b>Physical state:</b> Liquid	<b>Odour &amp; appearance:</b> Characteristic odour, yellow	<b>Odour threshold:</b> N/Av
<b>pH:</b> 0.7	<b>Boiling point:</b> 98°C	<b>Freezing point:</b> 0°C
<b>Specific gravity:</b> 1,15 g/ml @ 20°C	<b>Vapour pressure:</b> N/Av	<b>Vapour density:</b> N/Av
<b>Evaporation rate:</b> N/Av	<b>VOC g/l:</b> 0 g/l	<b>Water solubility:</b> Soluble

### Section 4 - Fire & Explosion Hazard

**Flammability:** No      **Conditions:** None  
**Flashpoint:** N/Av      **Extinguishing media:** N/A  
**Auto ignition temperature:** N/Av      **Hazardous combustion products:** CO<sub>2</sub>, nitrogen oxide  
**Flammable limits (%):** Upper: N/Av Lower: N/Av      **Sensitivity to mechanical impact or static discharge:** N/Av

### Section 5 - Reactivity Data

**Chemical stability:** Yes      **Conditions:** None  
**Reactivity conditions:** None  
**Incompatible substances:** Reaction with strong Bases  
**Hazardous decomposition products:** If mixed with cleaners containing chlorides, chlorine will be set free.

N/A - Not Applicable

N/Av - Not Available

**Section 6 - Toxicological Data**

**Route of entry:** Eye and skin contact, inhalation, ingestion.

**Acute exposure effects:** Severe eye irritant, skin irritant.

**Chronic exposure effects:** Prolonged or repeated contact can cause irritation or burns

**Exposure limits (TLV/TWA):** 1 mg/m3 (Phosphoric acid)

**Exposure limits (TLV/TWA):** 3 mg/m3 (Phosphoric acid)

<u>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</u>
No	No	No	No	No

If yes to any of the above, specify:

**Section 7 - Preventive Measures**

**Protective equipment:** 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

**Handling procedures:** Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage

**Waste disposal methods:** Eliminate while respecting municipal, provincial and federal regulations.

**Leak/spill procedures:** Wipe up with an absorbent material. Rinse small quantities with water. Neutralize.

**Storage requirements:** Store under 50°C. Protect from freezing.

**Engineering controls:** N/A

**Handling equipment:** None

**Special shipping information:** Corrosive liquid, acidic, inorganic, N.O.S. (Phosphoric acid) Class 8, UN3264, P.G. III

**Section 8 - First Aid Measures**

**Skin contact:** Continuously flush contaminated area with lukewarm, gently flowing water for 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.

**Inhalation:** Remove patient to fresh air.

**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, unconconscious or convulsing.

**Other:** Change saturated clothing. Consult a physician immediately.  
Remove contaminated clothing and wash before reusing. In all cases, consult a physician.

**Section 9 - Preparation of MSDS**

**Prepared by:** International Product Manager - Chemical tools  
**Telephone:** 1-888-592-5837  
**Date:** June 5th, 2009

*This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.*