



# WALTER

J. WALTER INC.  
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 EMERGENCY NUMBER: INFOTRAC 1-800-535-5053

**NFPA Hazard Identification**

FLAMMABILITY

HEALTH

REACTIVITY

0	1
3	0

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

**MATERIAL SAFETY DATA SHEET M.S.D.S. No.: L-58E**

**SECTION 1 & 2 - Product & Preparation Information**

TRADE NAME(S) Power Cleaner	PRODUCT NAME(S) Power Cleaner, Speed Cleaner/Rust Remover
	ORDER NO. 53-G 203, 53-G 206, 53-G 207, 53-G 208
PREPARED BY Product Manager, Chemical Tools	WHMIS CLASSIFICATION D1A, E
TELEPHONE # (860) 724-0321 DATE October 15, 2001	THIS IS A CONTROLLED PRODUCT UNDER WHMIS No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>

**SECTION 3 - Hazardous Ingredients**

CHEMICAL IDENTITY	% BY WEIGHT	C.A.S. Number	LD <sub>50</sub> (Rabbit)	LC <sub>50</sub> (MICE)
Hydrochloric Acid	10-30	7647-01-0	900 mg/kg	400 mg/m <sup>3</sup> /4 hours

**SECTION 4 - Physical Data**

PHYSICAL STATE Liquid	ODOUR & APPEARANCE Light colour, characteristic odour of acid	ODOUR THRESHOLD N/E
pH 1	BOILING POINT (°C) 96°C	FREEZING POINT (C) 0
SPECIFIC GRAVITY 1.11 g/ml @20°C	VAPOUR PRESSURE N/E	VAPOUR DENSITY (Air=1) N/E
EVAPORATION RATE N/E		SOLUBILITY IN WATER soluble

**SECTION 5 - Fire or Explosion Hazards**

FLAMMABILITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Conditions None	HAZARDOUS COMBUSTION PRODUCTS Hydrogen Chloride
EXTINGUISHING MEDIA N/A	SENSITIVITY TO MECH. IMPACT OR STATIC DISCHARGE N/A
FLASHPOINT (C,Method) N/A	AUTO IGNITION TEMPERATURE (C) N/A FLAMMABLE LIMITS (%) UPPER N/A LOWER N/A

**SECTION 6 - Toxicological Data**

ROUTE OF ENTRY <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion	
ACUTE EXPOSURE EFFECTS Inhalation of vapours may cause pulmonary edema, circulatory system collapse, coughing and difficult breathing. May cause burns to eyes, skin and mucosal tissues.	EXPOSURE LIMITS(TVL/TWA) 5 PPM
CHRONIC EXPOSURE EFFECTS Prolonged contact may cause pulmonary irritation.	
CARCINOGENICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	MUTAGENICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
REPRODUCTIVE TOXICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	TERATOGENICITY No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
SYNERGISTIC EFFECTS No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	
IF YES TO ANY ABOVE, SPECIFY: No	

**SECTION 7 - Reactivity Data**

CHEMICAL STABILITY No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Conditions None	REACTIVITY CONDITIONS None
INCOMPATIBLE SUBSTANCES Strong Bases, sulphuric acid, chlorosulfonic acid, vinyl acetate, amines	HAZARDOUS DECOMPOSITION PRODUCTS None

**SECTION 8 - Preventive Measures**

PROTECTIVE EQUIPMENT <input checked="" type="checkbox"/> Eyewear <input type="checkbox"/> Clothing <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> * Other * Cartridge respirator (in case of insufficient ventilation)	ENGINEERING CONTROLS Provide adequate ventilation
HANDLING PROCEDURES Keep containers tightly closed.	HANDLING EQUIPMENT None
WASTE DISPOSAL Dispose of while respecting municipal, provincial and federal regulations.	LEAK/SPILL PROCEDURES Soak up with absorbent material. Rinse small amounts with quantities of water. Neutralize with lime.
STORAGE REQUIREMENTS Store below 50°C. Protect from freezing.	SPECIAL SHIPPING INFORMATION According to TDG, Hydrochloric acid, class 8 (9.2), UN 1789, P.G. III

**SECTION 9 - First Aid Measures**

SKIN CONTACT Rinse with soap and water for at least 20 minutes.
EYE CONTACT Rinse eyes thoroughly with water for at least 20 minutes. Consult physician if needed.
INHALATION Remove to fresh air.
INGESTION Do not induce vomiting. Rinse out mouth with water and give plenty of water to drink.
OTHER Summon physician

N/A - Not Applicable

N/E - Not Established