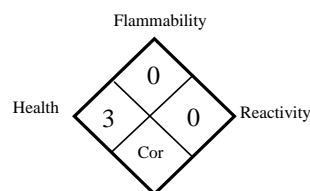




MATERIAL SAFETY DATA SHEET

L-130E

NFPA Hazard Rating



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

Section 1 - Product Identification

J. WALTER COMPANY LTD.

5977 Transcanada Highway

Pointe-Claire, Quebec

H9R 1C1

Emergency: CANUTEC (613) 996-6666

Trade name:

INOX PLUS Liquid

Product name:

Non-Toxic Degreaser and Rust Remover for Stainless Steel AISI 300

Order no.:

53-G 317, 53-G 318, 53-G 319

WHMIS Classification:

E

Controlled under WHMIS: Yes

Section 2 - Hazardous Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD50(Oral Rat)</u>	<u>LC₅₀RAT</u>
Ammonium Bifluoride	1341-49-7	5-10%	130 mg/kg	N/Av
Phosphoric acid	7664-38-2	30-60%	1530 mg/kg	N/Av

Section 3 - Physical / Chemical Characteristics

Physical state: Liquid

pH: < 1

Specific gravity: 1,4 @ 20°C

Evaporation rate: N/Av

Odour & appearance:

Acid odour, limpid

Boiling point:

110°C

Vapour pressure:

N/Av

VOC g/l:

0

Odour threshold: N/Av

Freezing point: 0°C

Vapour density: N/Av

Water solubility: Soluble

Section 4 - Fire & Explosion Hazard

Flammability: No **Conditions:** None

Flashpoint: N/A

Extinguishing media: N/A

Auto ignition temperature: N/A

Hazardous combustion products: See hazardous decomposition products

Flammable limits (%): Upper: N/A Lower: N/A

Sensitivity to mechanical impact or static discharge: N/A

Section 5 - Reactivity Data

Chemical stability: Yes

Conditions: None

Reactivity conditions: Heat

Incompatible substances: Strong bases, glass, cement

Hazardous decomposition products: Release of fluorine compound and/or hydrogen fluoride from heating of wet process.

Release of phosphorous oxides from thermal decomposition and release of hydrogen from reaction with metal

Release of oxides of carbon and oxides of nitrogen during thermal decomposition.

N/A - Not Applicable

N/Av - Not Available



MATERIAL SAFETY DATA SHEET

L-130E

Section 6 - Toxicological Data

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

Acute exposure effects: Contact with eyes, skin and mucosal tissue may cause irritation or burns.

Chronic exposure effects: A prolonged or repeated contact with the skin may cause irritation or burn.

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

Exposure limits (TLV/STEL): 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:	Eyewear, gloves, clothing
Handling procedures:	Normal procedure when handling strong acids
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:	N/A
Special shipping information:	Corrosive liquid, acidic inorganic, N.O.S. (Phosphorique 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, unconscious or convulsing. Change saturated clothing. Consult a physician immediately.
Other:	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:	February 4 th , 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.

N/A - Not Applicable

N/Av - Not Available

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