

## *Metal Cleaner #153*

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### Product Identification

MANUFACTURE'S NAME:	AxSys Direct Mfg.
ADDRESS:	4523 – 97 Street, Edmonton, AB T6E 5Y8
EMERGENCY TELEPHONE NO.:	1-866-543-5276
TRADE NAME:	Metal Cleaner #153
SYNONYMS:	Aluminum Brightner-Rust Remover
WHMIS CLASSIFICATION:	E D-2A      Class: 8

### I. Basic Ingredients & Toxicity

Material or Component:	%	CAS #:	Toxicity Data LD <sub>50</sub> LC <sub>50</sub> , species:
Phosphoric Acid (Food Grade)	<20	7664-38-2	Rat 1530 mg/kg LD <sub>50</sub>
Sulfamic Acid	<2	05329146	1600 mg/kg non-carcinogen
Ammonium Bifluoride	<2	001341497	

### II. Physical Data

BOILING POINT, 760mm Hg	NA	MELTING POINT	NA
SPECIFIC GRAVITY H <sub>2</sub> O=1	1.19	VAPOUR PRESSURE	NA
VAPOUR DENSITY, AIR=1	NA	SOLUBILITY IN H <sub>2</sub> O % wt	Complete
% VOLATILES BY VOL. @70°F (20°C)	NA	ODOUR	Slight Acidic
FLASH POINT (TEST METHOD)	NA	AUTO IGNITION TEMP.	NA

FLAMMABLE LIMITS IN AIR, % BY VOLUME	UPPER	NA
	LOWER	NA

#### FIRE FIGHTING INSTRUCTIONS:

Remove from open flame; use self-contained breathing apparatus. Thermal decomposition emits toxic fumes of oxides of phosphorus.

### III. Health Hazard Information

#### ROUTES OF EXPOSURE:

INHALATION

SKIN

EYE CONTACT

INGESTION

Refrain from breathing vapors for prolonged periods.

Irritant – May cause burns.

Irritant – Chemical burn likely.

Irritant – G.I. tract upset – Purging recommended.

#### EFFECTS OF OVER-EXPOSURE:

ACUTE OVER-EXPOSURE

CHRONIC OVER-EXPOSURE

Chemical burn likely

Not Determined

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**IV: Emergency & First Aid Procedures**

<b>EYES</b>	Flush with water and contact physician.
<b>SKIN</b>	Defatting (dishpan hands) chemical burn likely.
<b>INHALATION</b>	None – under normal ventilation.
<b>INGESTION</b>	Drink large amounts of milk, water and call physician.

**V: Protection Information**

<b>VENTILATION REQUIREMENTS</b>	General
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**PERSONAL PROTECTIVE EQUIPMENT:**

<b>RESPIRATORY</b>	None – under normal ventilation
<b>EYE</b>	Safety glasses with sideshield
<b>GLOVES</b>	Rubber gloves
<b>OTHER CLOTHING &amp; EQUIPMENT</b>	Coveralls or Apron

**Spill or Leak Procedures**

**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**  
Dike and salvage or neutralize

<b>NEUTRALIZING CHEMICALS</b>	Soda Ash or Lime
<b>WASTE DISPOSAL METHOD</b>	Contain spill & pick up – residue may be washed to sewer in accordance with local and federal regulations

<b>SIGNATURE:</b>	<b>DATE:</b>	<b>ADDRESS:</b>
AxSys Safety Officer	24-Jul-15	4523 – 97 Street Edmonton, AB 1-866-543-5276