

De-Cal

Product Identification

MANUFACTURE'S NAME: AxSys Direct Manufacturing
 ADDRESS: 4523 – 97 Street, Edmonton, AB T6E 5Y8
 EMERGENCY TELEPHONE NO.: 1-866-543-5276
 TRADE NAME: De-Cal
 SYNONYMS: De-Calcifier - Rust & Scale Remover
 WHMIS CLASSIFICATION: E D.2B

I. Basic Ingredients & Toxicity

Material or Component:	%	TLV / Date:	Toxicity Data LD ₅₀ LC ₅₀ , species:
Phosphoric Acid (Food Grade)	<8.0	1mg/m ³	Rat = 1530 mg/kg
Sulfamic Acid	<1.0		LD = 1600 mg/kg, Carcinogen-NA
Glycol Ether	<5.0	75 ppm	Rat = 1.75 g/kg
Metso	<1.0		Rat Oral = 8 g/kg

II. Physical Data

BOILING POINT, 760mm Hg	NA	MELTING POINT	NA
SPECIFIC GRAVITY H ₂ O=1	1.07	VAPOUR PRESSURE	NA
VAPOUR DENSITY, AIR=1	NA	SOLUBILITY IN H ₂ O % wt	Complete
% VOLATILES BY VOL. @70°F (20°C)	NA	ODOUR	Very Slight Chemical
FLASH POINT (TEST METHOD)	NA	AUTO IGNITION TEMP.	NA
pH	1		

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

FIRE FIGHTING INSTRUCTIONS:

Use media proper to the primary cause of the fire. Remove from or away from open flame.

III. Health Hazard Information

ROUTES OF EXPOSURE:

INHALATION Refrain from breathing vapours for prolonged time
 SKIN Irritant – May cause burns
 EYE CONTACT Irritant – Chemical burn likely
 INGESTION Irritant – G.I. tract upset, DO NOT induce vomiting.

EFFECTS OF OVER-EXPOSURE:

ACUTE OVER-EXPOSURE Chemical burn likely
 CHRONIC OVER-EXPOSURE Not determined

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IV: Emergency & First Aid Procedures

EYES	Flush with large amounts of water for 15 minutes. Get medical attention.
SKIN	De-fatting (“dishpan hands”), chemical burn likely. Rinse with large amounts of water. Apply medicated lotion – Consult a physician.
INHALATION	Remove affected person into fresh air. If coughing or asthmatic response – contact physician.
INGESTION	Drink large amounts of milk, and or water. Get medical attention.

V: Protection Information

VENTILATION REQUIREMENTS General mask or breathing apparatus recommended

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY	None – under normal ventilation
EYE	Safety glasses / goggles
GLOVES	Rubber gloves
OTHER CLOTHING & EQUIPMENT	Coveralls or apron if desired

VI: Spill or Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:
 Rinse area thoroughly with water. Mop up and pour water down drain.

NEUTRALIZING CHEMICALS	Soda Ash	Lime
WASTE DISPOSAL METHOD	In accordance with local and federal regulations	

SIGNATURE:	DATE:	ADDRESS:
AxSys Direct Manufacturing – Quality Department	24-Jul-15	4523-97 Street Edmonton, Alberta 1-866-543-5276