

TRADE NAME: Cylinder Cleaner

DATE: August 2006  
(REVISED)

NOTE: REPLACED CLEANER/DEGREASER (200-769-1A), 4-4935 & CHL30

I. PRODUCT IDENTIFICATION

Name/Synonym: Aluminum and Chrome Cleaner

Part Number: 83-5-101395

Manufactured and Distributed by:

Presstek, Inc.  
55 Executive Drive  
Hudson, NH 03051

Emergency Phone - Day - (603) 595-7000  
Night - Chemtrec (800) 424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only  
(ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

Chemical Name	CAS#	OSHA ACGIH, NIOSH			NTP, IARC OSHA	WT %
		PEL	TLV, LIMITS	EXPOSURE LIMITS		
		TWA	STEL	CARCINOGEN		
Alumina	1344-28-1	10mg/M3	10mg/M3	N/E	No	10-15
Aluminum Sulfate	10043-01-3	2mg/M3	2mg/M3	N/E	No	10-15
Fumed Silica	7631-86-9	29mppcf	5mg/M3*	10mg/M3*	No	2-5
** water	7732-18-5	N/E	N/E	N/E	No	65-78
* Respirable dust						
** non-hazardous as defined by 29CFR 1910.1200						

III. PHYSICAL PROPERTIES

Boiling Point (°F): 212°F  
Vapor Pressure (mmHg): N/A  
Vapor Density (Air=1): N/A  
Solubility in Water: Partial  
Appearance/Odor: White Milky Solution  
Specific Gravity (H2O=1): 1.15  
Melting Point: N/A  
Evaporation Rate Slower than  
(butyl acetate=1): Water  
pH: 3

IV. FIRE AND EXPLOSION HAZARD

Flash Point: None  
Extinguishing Media: Compatible with all extinguishing media.  
Special Fire Fighting Procedure: N/A  
Unusual Fire/Explosion Hazards: N/A  
Flammable Limits: LEL: N/A UEL: N/A

N/A = Not Applicable  
N/E = Not Established

V. REACTIVITY DATA

Stability: Stable Conditions to Avoid: N/A  
Incompatibility, Materials to Avoid: N/A  
Hazardous Decomposition Products: N/A  
Hazardous Polymerization: Will not occur.

VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSAL

Flush with tap water. Refer to local regulations relative to liquid wash disposal. pH adjustment may be required.

VII. HEALTH HAZARD DATA

A) Routes of entry, signs and symptoms of overexposure, acute and chronic effects.

Eye: Irritant.  
Skin: Mild irritant.  
Inhalation: If solution dries, alumina and silica can cause respiratory discomfort.  
Ingestion: Mild stomach irritant.  
Target Organ: Respiratory system.

B) Carcinogenicity: Ingredients not found in NTP, OSHA or IARC.

C) Medical conditions generally aggravated by normal exposure:  
None

D) Emergency and First Aid

Eye: Flush with water.  
Skin: Wash with soap and water.  
Inhalation: Move to fresh air.  
Ingestion: Do not induce vomiting. Get medical aid.

VIII. SPECIAL PROTECTION INFORMATION

Respiration Protection: In normal use not required.  
Ventilation - Local Exhaust: N/A Other: N/A  
Protective Gloves: Latex rubber Eye Protection: Safety glasses  
Other Protection: None required.

IX. SPECIAL PRECAUTIONS

Handling and Storage: Avoid prolonged or repeated contact with skin. Keep from freezing.  
Other: Read and follow label precautions. Do not reuse container. For Commercial use only. Keep from reach of children.

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)  
None  
Reportable Quantity (40 CFR 355: SARA Sec. 302)  
None  
Hazardous Substance (40 CFR 302: CERCLA Table 302.4)  
aluminum sulfate, RQ 5000 lbs. Product contains 1.3 lbs./gallon.  
RCRA Waste Number  
None  
Volatile Organic Compounds  
None  
SARA Hazard Class  
Acute: yes Chronic: no Fire: no Pressure: no Reactivity: no  
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HMIS Rating  
Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: B  
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XI. DOT SHIPPING INFORMATION

Surface: non-hazardous Air: non-hazardous  
Proper Shipping Name: N/A  
UN N/E Class: N/E Labels: none required

NOTE:

The chemicals in this product are listed on the TSCA inventory.

XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. Presstek believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of Presstek, it is the obligation of the user to determine the conditions for safe use.