

Material Safety Data Sheet
APPEARANCE MATERIALS, INC.
P.O.BOX 116
WESTBROOK, CT. 06498

HMIS HAZARD RATING

0= Insignificant 1= Slight 2= Moderate 3= High 4= Extreme

HEALTH	4	FLAMMABILITY	0	REACTIVITY	0	SPECIFIC HAZ.	G
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Manufacturer

Appearance Materials, Inc., Westbrook Industrial Park
 Westbrook, Ct. 06498

Product Formulation Name
C-34 CHROME & WIRE WHEEL
ACID CLEANER

EMERGENCY PHONE: 800-582-8343

SECTION 1 – HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	PERCENT
Hydrochloric Acid	7647-01-0	5 ppm		4- 6%
Alkylphenol Ethoxylate	9016-45-9			3- 5%
2- Butoxy Ethanol	111-76-2	25 ppm	25 ppm	3- 5%
Sulfuric Acid	7664-93-9	5 ppm		1-3%
Ammonium Bifluoride	1341-49-7			2-4%

SECTION 11 – PHYSICAL DATA

Boiling Point	212 deg. F
Specific Gravity	1.04
Vapor Pressure	Unknown
Melting Point	Unknown
Vapor Density (AIR=1)	N/A
Evaporation Rate (Butyl Acetate-1)	N/A
Solubility in Water	Soluble in all proportions
Appearance & Odor	Clear water- thin foamy liquid with sharp, pungent odor

SECTION 111 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Text Method)	Unknown
Flammable Limits	Unknown
Extinguishing Media	Water, foam, CO2 or dry chemical
Special Fire Fighting Procedures	Wear self-contained breathing apparatus approved by NIOSH and full-protective clothes.
Unusual Fire and Explosion Hazards	This product will attack most metals with evolution of potentially explosive hydrogen.

SECTION IV – REACTIVITY DATA

Chemical Stability	Stable
Conditions to Avoid	Unintended contact with metals
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Hydrogen will be formed if acid comes in contact with metals.
Materials to Avoid	Metals, strong alkali

SECTION V – HEALTH HAZARD DATA

Routes of Entry	Inhalation, Skin, Ingestion
Health Hazards	Severe skin and eye irritant. Ingestion of even minor amounts can produce profound and possibly fatal hypocalcaemia and systemic toxicity unless medical treatment is promptly initiated.
Carcinogenicity	None
Medical Conditions	Generally aggravated by exposure.
Signs and Symptoms of Exposure	Both liquid and vapor can cause severe burns and irritation which may not be immediately painful or visible.

SECTION VI – FIRST AID MEASURES

Eye Contact	Flush with copious amounts of water. Get medical attention immediately.
Skin Contact	Flush with copious amounts of water. Get medical attention immediately.
Inhalation	Move to fresh air.
Ingestion	Drink water to dilute. Do not induce vomiting. Get medical attention immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

Steps To Be Taken In Case Material Is Spilled	Always wear personal protective equipment. Good ventilation is necessary.
Waste Disposal Method	Small spills can be diluted with water and neutralized with soda ash or other alkali.
Precautions To Be Taken in Handling & Storing	Employees should be thoroughly trained in safety procedures.

SECTION VIII – CONTROL MEASURES

Respiratory Protection	Where required, use a respirator approved by NIOSH/MSHA
Local Exhaust	Recommended in use areas
Mechanical Exhaust	Required
Protective Gloves	Acid resistant, impervious gloves
Eye Protection	Do not wear contact lenses. Wear safety goggles.
Protective Clothing	Acid resistant clothing recommended plus eyewash fountain and safety shower in use area.

The information on this data sheet represents our current data and best opinions as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any process is the responsibility of the user. To the best of our knowledge, this Material Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200.

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