

SAFETY DATA SHEET



Date Prepared : 05/21/2015

MSDS No : One Step Wire Wheel Cleaner

ResistAll One Step Wire Wheel Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ResistAll One Step Wire Wheel Cleaner**GENERAL USE:** Cleaning basket wire wheel covers**CHEMICAL FAMILY:** Mixture**MANUFACTURER**

Cal-Tex Protective Coatings, Inc.

7455 Natural Bridge Caverns Rd.

Schertz, TX 78154-3210

Customer Service: 210-564-3200**24 HR. EMERGENCY TELEPHONE NUMBERS**

INFOTRAC (US Transportation): 800-535-5053

Poison Control Center (Medical): 877-800-5553

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Corrosion, Category 1C

GHS LABEL

Causes severe skin burns and eye damage



Corrosion

SIGNAL WORD: DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

6458G8LP: Wash hands thoroughly after handling.

3893WSLU: Wear protective gloves/eye protection

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor/...

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

ResistAll One Step Wire Wheel Cleaner

P405: Store locked up.

Disposal:

3912LZZT: Dispose of contents/container in accordance with local, state and federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear liquid

IMMEDIATE CONCERNS: Corrosive. May be harmful or fatal if swallowed or inhaled. Causes severe skin and eye burns. Vapours are extremely irritating to eyes and respiratory tract.

POTENTIAL HEALTH EFFECTS

EYES: Extremely irritating to the eyes and may cause severe damage including blindness.

SKIN: Contact causes severe skin irritation and possible burns if not promptly removed. Prolonged, confined or repeated exposure may cause skin irritation and may lead to dermatitis, that may not be immediately visible.

INGESTION: Causes severe burning and pain to the mouth, esophagus, stomach, and other tissues with which contact is made. May cause vomiting, diarrhea and perforation of the esophagus and stomach lining may occur.

INHALATION: Mist or vapours may cause severe irritation of the nose, throat and respiratory tract. Repeated and/or prolonged exposures may cause productive cough, running nose, bronchopneumonia, pulmonary oedema (fluid build-up in lungs), and reduction of pulmonary function. Can cause injury to entire respiratory tract. Severe exposure may cause lung damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2- Butoxyethanol	1 - 5	111-76-2
Citric Acid	0.5 - 1	77-92-9
Phosphoric Acid	20 - 40	7664-38-2
Ammonium Bifluoride	0.5 - 1	1341-49-7

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical professional if blurry vision or irritation develops and persists.

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash or discard clothing and shoes before reuse.

INGESTION: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

INHALATION: Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen Note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.

NOTES TO PHYSICIAN: Severe and sometimes delayed (up to 72 hours) local and systemic reactions can occur.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-flammable

GENERAL HAZARD: Product is not flammable or combustible under normal conditions.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen and sulfur.

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EXPLOSION HAZARDS: Non-explosive

FIRE FIGHTING PROCEDURES: Avoid flow of material into drains. Use a water spray to cool fire-exposed containers. Do not enter any enclosed or confined space without proper PPE.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self contained breathing apparatus as some toxic decomposition products may result from fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Soak up with sawdust, sand, oil dry, paper towel or other absorbent material

LARGE SPILL: Confine spill by diking or impoundment. Clean up spill by absorbing with an inert material such as sand, soil, sawdust, oil dry or vermiculite. Sweep up absorbant and dispose according to regulatory requirements. Ventilate area to avoid breathing vapors or dust.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water if safe to do so.

LAND SPILL: Prevent further leakage or spillage if safe to do so.

AIR SPILL: Ventilate enclosed spaces.

GENERAL PROCEDURES: Neutralize the residue with a dilute solution of acetic acid.

COMMENTS: Keep unnecessary personnel away, isolate spill ro leak area, beware of slippery floors and surfaces

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid breathing vapors, mists or spray.

HANDLING: Use care in handling. Avoid contact with eyes, skin, and clothing. Avoid release to the environment. Follow label directions.

STORAGE: Do not store near strong oxidants or open flames. Store in original container protected from direct sunlight in a dry, cool, well-ventilated area and away from food and drink. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
2- Butoxyethanol	TWA	50	240	20	120
Citric Acid	TWA		15		
Phosphoric Acid	TWA		1		1
	STEL		3		3
Ammonium Bifluoride	TWA		2.5		2.5

ENGINEERING CONTROLS: Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust and/or mist, use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits/guidelines.

PERSONAL PROTECTIVE EQUIPMENT

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EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Suitable chemical protective gloves should be worn when the potential exists for prolonged or repeated skin exposure. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Nitrile gloves are recommended.

RESPIRATORY: No personal respiratory protective equipment normally required. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

PROTECTIVE CLOTHING: Wear suitable protective clothing. Wear appropriate chemical resistant clothing if applicable.

WORK HYGIENIC PRACTICES: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Slight pungent odor

APPEARANCE: Clear purple liquid

pH: < 2

FLASH POINT AND METHOD: > 100°C (210°F) Closed Cup

FLAMMABLE LIMITS: No data available to No data available

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

BOILING POINT: Not Established

FREEZING POINT: Not Established

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Completely soluble

EVAPORATION RATE: Not Established

SPECIFIC GRAVITY: 1.2

VISCOSITY: Similar to water

(VOC): 3.000 %

10. STABILITY AND REACTIVITY

REACTIVITY: Reacts with acid cleaners and cleaners containing bleach to produce hazardous gases.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal storage and handling conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No hazardous reactions with proper storage and handling.

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating and/or toxic gases may be emitted upon the products decomposition.

INCOMPATIBLE MATERIALS: Oxidizers, metal chlorides and acids.

11. TOXICOLOGICAL INFORMATION**ACUTE**

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
2- Butoxyethanol	500 mg/kg (Rat)	1 100 mg/kg (Rat)	4500 mg/l (Rat)
Phosphoric Acid	1530 mg/kg (Rat)	2740 mg/kg (Rabbit)	
Ammonium Bifluoride	130 mg/kg (Rat)		

EYE EFFECTS: Eye Irritation

SKIN EFFECTS: Skin Irritation

CHRONIC: Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects.

CARCINOGENICITY

Notes: The ingredients of this product are not classed as carcinogenic by ACGIH, IARC, OSHA or NTP.

REPRODUCTIVE EFFECTS: This product is not expected to cause reproductive or developmental effects.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Do not allow to enter soil, waterways or waste water canal.

AQUATIC TOXICITY (ACUTE): May be harmful to aquatic life primarily associated with pH.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Follow applicable federal, state and local waste disposal regulations.

EMPTY CONTAINER: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

RCRA/EPA WASTE INFORMATION: Wastes of this product must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

RCRA HAZARD CLASS: Liquid or aqueous solutions of this product may require an EPA waste code D002.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic, N.O.S.

TECHNICAL NAME: (Phosphoric Acid, Hydrofluoric Acid)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: 3264

PACKING GROUP: II

PLACARDS: Corrosive

LABEL: Corrosive

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Not Established

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no specific Threshold Planning Quantities for Ammonium Bifluoride. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs. (4,540 kg) therefore applies, per 40 CFR 370.20.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are listed or otherwise in compliance with notification requirements.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Corrosive

REGULATIONS

STATE REGULATIONS: Ammonium Bifluoride (CAS# 1341-49-7) appears on the following state hazardous substance lists:
NJ PA.

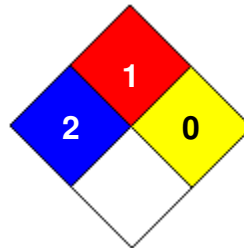
CALIFORNIA PROPOSITION 65: This product does not contain any substances which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

16. OTHER INFORMATION

PREPARED BY: Cal-Tex Compliance Office **Date Prepared:** 05/21/2015

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

NFPA CODES

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