



Entire Car Protection

SAFETY DATA SHEET

Section 1: Identification

Product Name: Technician's Choice TEC309/88 Wire Wheel Cleaner Concentrate
Product Code: TEC309/88
Product Class: Acidic Wheel Cleaner
Manufacturer/Supplier: ECP Incorporated
11210 Katherine's Crossing, Suite 100
Woodridge, IL 60517
Telephone: 630-754-4200
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: May 1, 2010
Date of Review/Update: May 10, 2015

Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Corrosive 1A
Signal Word: Danger

GHS Hazard Statements:

H302 + H312 Harmful if swallowed or in contact with skin
H314 Causes severe skin burns and eye damage
H373 May cause damage to liver, kidneys or blood through prolonged or repeated exposure.

GHS Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.

Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.
Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.
Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.
Inhalation: Not a likely route of exposure, but if over-inhalation occurs symptoms would include nose, throat, respiratory irritation.
Medical Conditions Aggravated by Exposure: None known.
HMIS Rating: Health- 3 Fire- 0 Reactivity- 0 Personal Protection- C
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% Range	OSHA PEL	ACGIH TLV
Hydrofluoric Acid	7664-39-3	<5	TWA 3ppm	3ppm (Equivalent to 2.5 mg/m ³) as F: ACGHI
Sulfuric Acid	7664-93-9	<10.0	1 mg/m ³	1 mg/m ³ (STEL)=3 mg/m ³

Section 4: First Aid Measures

NOTES TO PHYSICIAN: Material is extremely corrosive to all tissues, contains Hydrofluoric Acid.

Eye Contact: Contact a physician immediately! Flush with running water keeping eyelids apart and away from eyeballs during irrigation. 1% calcium gluconate solution should be used to wash the eye thoroughly, and then repeat every 2-3 hours as drops. Eye specialist should be called at once.

Skin Contact: Contact a physician immediately! Wash immediately with large amount of water under the safety shower. The clothing should be removed as rapidly as possible and medical assistance obtained immediately. Calcium gluconate gel (2.5%) should be rubbed in continuously.

Ingestion: Contact a physician immediately! The patient should drink plenty of water or milk with added milk of magnesia. Do not induce vomiting.

Inhalation: Contact a physician immediately! Remove to fresh air. If breathing has stopped bring artificial respiration as soon as possible patient should be given 2.5%-3% calcium gluconate solution by inhalation.

Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Flash Point: None

Flammable Limits: LEL / UEL: None

Extinguishing Media:

Do not use solid water streams. Water applied directly may result in heat evolution or may liberate harmful gases, vapor, or mist. Use water spray or suitable agent: (CO2 Dry Chemical or Foam) extinguisher.

Protective Equipment:

Firefighters should be equipped with NIOSH approved fully enclosed self contained breathing apparatus with plastic window in the hood and full protective equipment and clothing.

Fire and Explosive Hazards:

This product may react with aluminum, zinc, tin and their alloys to produce flammable hydrogen gas. Will react violently with water. Heat may explode containers.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked:

Only allow trained personnel, wearing appropriate safety equipment to clean up spilling. Dike spill dilute with water for neutralize with lime. Transfers into clean dry approved container, on major spills notify local polis health and other concerned authorities.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:

Danger acid product contains Hydrofluoric Acid, causes extremely severe burns to skin and eyes. Avoid all contact with skin, eyes, or clothing. Do not breathe vapor or mist solution. When handling wear safety goggles or face shield, Hydrofluoric Acid resistant gloves and clothing. Use respirators. Wash thoroughly after handling with a mild soap. Wash with soap and water before and after eating, drinking, smoking, or using the toilet facilities. Do not smoke anywhere in the vicinity of this product. Store in cool dry place with original container with lid. Do not cut, mutilate, weld, or re-use this container.

Section 8: Exposure Controls and Personal Protection

Ventilation: Use adequate exhaust ventilation, where mist or spray from this product may be generated to maintain exposure below recommended personal value.

Respirator Protection: NIOSH/OSMA approved.

Skin Protection: Hydrofluoric acid resistant gloves. Rubber or plastic clothing, safety boots.

Eye Protection: Do not wear contact lenses. Wear approved chemical splash goggles, full face shield as needed. Provide safety shower eyebath or washing facilities.

Section 9: Physical and Chemical Properties

Boiling Point: 212°F

Vapor Density: Not Available

Specific Gravity: 1.065

% Volatile: Not Available

Appearance/Odor: Clear, Sharp, Acidic Odor

Vapor Pressure (mmHg @ 68°F):

Not Available

Solubility in Water:

Complete

Melting Point:

Not Applicable

pH:

<2

Section 10: Stability and Reactivity

Stability: Good.

Materials to Avoid: Avoid Contact with strong alkaline solution, aluminum, zinc, iron, carbides, hydrogen sulfide, turpentine, chlorinated rubber, high temperature, glass, concrete

Conditions to Avoid: Uncontrolled contact with water and active metals.

Hazardous Polymerization: None

Hazardous Decomposition Products: Oxides of carbon, hydrofluoric vapor, hydrogen gas, fluorine.

Section 11: Toxicology Information

IARC, NTP, OSHA Carcinogen: None

Section 12: Ecological Information

Not Available

Section 13: Disposal Considerations

Waste Disposal: Send to waste disposal site in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101):

Corrosive Liquid, Acidic, Inorganic, N.O.S., (Contains Hydrofluoric Acid, Sulfuric Acid), UN3264, PGII

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

<u>Component</u>	<u>RQ (lbs)</u>	<u>For This Product</u>
Hydrofluoric Acid	100	Not Available
Sulfuric Acid	1000	Not Available

TSCA (Toxic Substances Control Act) Status:

The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

<u>Component</u>	<u>RQ (lbs)</u>	<u>For This Product</u>
Hydrofluoric Acid	100	Not Available
Sulfuric Acid	1000	Not Available

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

<u>Component</u>	<u>RQ (lbs)</u>	<u>For This Product</u>
Hydrofluoric Acid	100	Not Available
Sulfuric Acid	1000	Not Available

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	(X)	Reactive	()
Delayed	(X)	Sudden Release of Pressure	()
Fire	()		

SARA 313 COMPONENTS - 40CFR 372.65:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>
Hydrofluoric Acid	7664-39-3	<5
Sulfuric Acid	7664-93-9	<10.0

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>		<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
Hydrofluoric Acid	7664-39-3	<5	Not Established	Inhal Rat - 1276ppm/1H
Sulfuric Acid	7664-93-9	<10.0	Oral Rat - 2140mg/kg	Inhal Rat - 510mg/m3/2H

CALIFORNIA PROPOSITION 65: None

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.