



SAFETY DATA SHEET

Section 1: Identification

Product Name: Technician's Choice TEC888 Purple Magic Wheel Brightener Concentrate Date Prepared: June 5, 2009
Product Code: TEC888 Date of Review/Update: May 10, 2015
Product Class: Acidic Cleaner
Manufacturer/Supplier: ECP Incorporated
11210 Katherine's Crossing, Suite 100
Woodridge, IL 60517
Telephone: 630-754-4200
Emergency Telephone: CHEMTREC 800-424-9300

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

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ammonium Bifluoride	1341-49-7	<25%	2.5 mg/m ³	2.5 mg/m ³
Ammonium Fluoride (by product of ABF)	12125-01-8	By Product	2.5 mg/m ³	2.5 mg/m ³

Section 4: First Aid Measures

Note to physician: Treat as per an accident involving Hydrofluoric Acid.

Eye Contact: Flush immediately with plenty of water and then with an isotonic solution of calcium gluconate (3.5% of calcium gluconate in an isotonic saline.) Seek medical advice immediately.

Skin Contact: Remove immediately all contaminated clothing. Rinse with plenty of water and then bathe with a solution of calcium gluconate or apply a compress. In all cases seek medical advice immediately. With the contaminated clothing, launder before re-use. Discard contaminated shoes.

Ingestion: Do not induce vomiting. Immediately give two glasses of water or activated charcoal slurry. An alternate is magnesia (one tablespoon in a glass of water) or, preferably, a solution of calcium gluconate. Get medical attention immediately.

Inhalation: Take immediately to a physician.

Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Flash Point: None Flammable Limits: LEL / UEL: Not Applicable

Extinguishing Media: Not Applicable. Non-Flammable

Protective Equipment: Avoid skin and eye contact, and breathing of acid vapors. Wear head and body protection and acid respirator when handling liquid. Toxic fumes can be produced in fire conditions.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked:

Neutralize with slaked lime to insoluble calcium fluoride. Dike spill and prevent material from entering sewers, waterways or low areas. Absorb spill with inert material then place in suitable container. Deposit the spilled material in accordance with local, state or national legislation. When neutralized, the product will give off ammonia fumes. Wash spillage area clean. Rinse well before handling and disposal.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:

Keep containers closed. Store in cool place. Do not store with alkalis or acids. Areas of use and storage should be ventilated adequately to reduce vapors below odor level. Rubber or plastic gloves and tight fitting goggles should be worn when handling product.

Section 8: Exposure Controls and Personal Protection

Ventilation: Areas of use and storage should be ventilated adequately to reduce vapors below odor level.

Respirator Protection: If required, a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.

Skin Protection: Rubber or plastic gloves should be worn when handling product.

Eye Protection: Wear splash proof goggles or side shield safety glasses. Provide convenient eyewash stations. Tight fitting goggles should be worn when handling product.

Section 9: Physical and Chemical Properties

Boiling Point:	210°F	Vapor Pressure (mmHg @ 68°F):	Not Available
Vapor Density:	Not Determined	Solubility in Water:	Complete
Specific Gravity:	1.05	Melting Point:	Not Applicable
% Volatile:	Not Determined	pH:	4.5 ± 0.5
Appearance/Odor:	Dark Purple, Thin Liquid, Cherry Odor	VOC Content:	None

Section 10: Stability and Reactivity

Stability: Stable

Materials to Avoid: Quartz or silicate material (e.g. glass), metals, alkalis, acids

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Refer to Section 7.

Hazardous Decomposition Products: Ammonia and Hydrofluoric Acid

Section 11: Toxicology Information

IARC, NTP, OSHA Carcinogen: None

Section 12: Ecological Information

Not Available

Section 13: Disposal Considerations

Waste Disposal: Neutralize with slaked lime to insoluble calcium fluoride. Deposit the spilled material in accordance with local, state or national legislation. When neutralized, the product will give off ammonia fumes. Wash spillage area clean. Rinse well before handling and disposal.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): Corrosive Liquids, Acidic, Inorganic, N.O.S., (Ammonium Bifluoride), 8, UN3264, PGII

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101:

Component

RQ (lbs)

For This Product

Ammonium Bifluoride	100	Not Available
Ammonium Fluoride (by product of ABF)	100	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>
Ammonium Bifluoride	100	Not Available
Ammonium Fluoride (by product of ABF)	100	Not Available

SARA 302 COMPONENTS - 40CFR 355 Appendix A:

None

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

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

SARA 313 COMPONENTS - 40CFR 372.65:

None

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>		<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
Ammonium Bifluoride	1341-49-7	<25%	Not Established	Not Established
Ammonium Fluoride (by product of ABF)	12125-01-8	By Product of ABF	Intraperitoneal Rat - 31mg/kg	Not Established

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