

MATERIAL SAFETY DATA SHEET

Product #1980, #1981, #1982, #1983

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Show Ready Acid Base Wheel Cleaner HF
(#1980 Qt, #1981 Gal., #1982 5-Gal., #1983 55-Gal.)
Date Printed: January 14, 2013
Product Use/Class: Cleaner
Supplier: International Epoxies & Sealers
30241 Commerce Drive
San Antonio, FL 33576
Information Phone: 1-800-451-7206
Emergency Telephone: INFOTRAC 1-800-535-5053
Outside the U.S. Call collect: 1-352-323-3500

2. COMPOSITION / INFORMATION ON INGREDIENTS

Item	Chemical Name	CAS Number	%	PEL - OSHA	TLV - ACGIH
01	Hydrofluoric Acid	7664-39-3	1-10	100	100
02	Sulfuric Acid	7664-93-9	10-20	50	50
03	Ethylene Glycol Monobutyl Ether	111-76-2	1-2	50	25

This product is not listed as a carcinogen by NTP, IARC, OSHA.

3. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	NA	Vapor Density (air=1):	ND
Odor:	Sharp Odor	Solubility In Water:	100%
Appearance:	Clear Liquid	Evaporation Rate (water=1):	Approaches Water
Specific Gravity (water=1):	1.10 @ 60°F	Percent Volatile by Volume (%):	>60.00
Vapor Pressure (mmHg):	Approaches Water		

4. FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: Non-flammable. This product is stable.
Flammable Limits: Lower: ND Upper: ND

5. STABILITY AND REACTIVITY

Materials To Avoid: Avoid contact with acids and strong oxidizers such as permanganate, chlorine, etc.
Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not occur under normal conditions.
Hazardous Decomposition Products: May form Carbon Dioxide, Carbon Monoxide and various Hydrocarbons.

6. HAZARDOUS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Inhalation. Skin contact. Eye Contact. Ingestion.

Acute Health Hazard:

Eyes- can cause severe irritation, redness, tearing, and blurred vision and in severe cases, tissue destruction.
Skin- prolonged or repeated contact can cause moderate irritation, defatting, dermatitis and in severe cases burns.
Inhalation- breathing of vapors or large amounts of mist can cause mild to severe irritation of nasal or respiratory passage and possible tissue destruction.
Ingestion- can cause gastrointestinal irritation, nausea, vomiting, and diarrhea and possible tissue destruction.

Chronic Health Hazard:

Inhalation may increase susceptibility to respiratory illness.

Medical Conditions Aggravated by Exposure:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

7. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Call physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep person warm, quiet and get medical attention.
Skin Contact: Wash with large amounts of running water for at least 5 minutes. Remove contaminated clothing. Wash clothing before reuse.
Eye Contact: Flush with plenty of water for at least 15 minutes. Get medical attention.

8. SYMPTOMS OF EXPOSURE

Eyes: Intense pain and/or irritation.
Skin: Possible moderate irritation.
Ingestion: Gastric distress, nausea, vomiting, diarrhea.
Inhalation: Mild irritation.
conditions aggravated by Exposure: Pre-existing eye, skin and respiratory conditions.

9. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb a large spill on suitable absorbent. Small spills can be flushed down the drain with plenty of water.

Waste Disposal Methods: Dispose of according to local, state and federal regulations for biodegradable detergents.

10. EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: An appropriate NIOSH approved hydrocarbon canister or respirator for acidic vapor should be worn if needed.
Ventilation: Use in well ventilated area below TLV (s).
Engineering Controls: Mechanical and/or local exhaust.
Work Practices: Eye wash fountain and safety shower should be easily accessible. Discard properly items such as rags and trash soaked with the product. Provide adequate ventilation.
Hygienic Practices: Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reuse.

11. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

- (1) Keep away from children.
- (2) Keep containers tightly closed and protect from damage.
- (3) Do not store near acids, acidic materials, oxidizers and alkalis.
- (4) Containers which have been emptied will retain product residue and vapors. Always obey hazard warnings.

12. TRANSPORTATION INFORMATION

Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrofluoric & Sulfuric)
Hazard Class: 8
ID Number: UN3264
Packaging Group: II
Label Statement: Corrosive

13. OTHER INFORMATION

Legend: N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined

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Prepared by: Technical Manager

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END OF MSDS