Safety Data Sheet

Section 1. Identification

Distributed by:
Vivid Car Care - Patriot Distributing Midwest Inc
8070 Castleton RD, Unit 711
Indianapolis, IN 46250
1-317-583-8763

Product Identification: **Vivid Lighting Acid Wheel Cleaner**

Suggested Use: Automotive And Industrial Use.

Section 2. Hazard(s) Identification

Classification: Cleaning Compound

Hazard Rating:

Health:	**3**	High
Reactivity:	**0**	Non Significant
Flammability:	**0**	Non Significant
Protection:	**G**	See Section 8- Exposure controls/ Personal Protection

Signal Word: Danger

Hazard Statement: Causes severe skin burns and eye damage if direct exposure occurs.

Hazard Pictogram: Corrosive, Acute Toxicity, Health Hazard

Precautionary Statement

If medical advice is needed, have product container or label at hand
Keep out of reach of children
Read label before use
Dispose of contents/container to approved waste facility
Wear chemical resistant gloves
Safety glasses or chemical shield
Wash hands after use
Availability of eyewash and showers in work area
Use proper ventilation
Avoid direct and excessive heat

Hazerdous Decompostion: **N/A**

Section 3. Composition/Information on Ingredients

Component Name	CAS Number	EC Number	Percentage
Water	7732-18-5	231-791-2	Balance
Hydrofluoric Acid	7664-39-3	231-634-8	N/A
Sulfuric Acid	7664-93-9	231-639-5	N/A
2 Butoxy Ethanol (skin)	111-76-2	203-905-0	N/A

The percentages of the mixture have been withheld as a trade secret claim.

Section 4. First Aid Measures

Eyes: Flood with large amounts of water at least 20 min.; get immediate medical attention if irritation persists. Can cause irritation, redness, tearing, and blurred vision.
Skin: Flush exposed area with water. Remove all contaminated clothing. Prolonged or repeated contact can cause moderate irritation.
Inhalation: If affected, move the individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, calm, and get medical attention.
Oral: If swallowed, induce vomiting. Vomiting can be induced with syrup of Ipecac. Give fluids until the vomitus is clear. Get medical attention.

Section 5. Fire Fighting Measures

Extinguishing Media: Carbon dioxide (CO2) water spray. Dry chemical foam can be used to cool fire-exposed containers.
Fire Fighting Procedure: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Evacuate area in case of overheating or fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors.
Hazardous Decomposition Products: May form toxic material, carbon dioxide, carbon monoxide, various hydrocarbons, etc.

Section 6. Accidental Release Measures

Wear protective equipment. Keep unprotected people away.
Dilute with plenty of water.
Absorb with liquid-binding material (Sand, diatomite, acid binders, universal binders, sawdust.)
Use a neutralizing agent.
Dispose contaminated material waste in coherence with your local laws.
Ensure adequate ventilation.

Section 7: Handling and Storage

Do not get product on skin, eyes or clothing. Keep the container closed when not in use. Keep the container away from heat, flames, or any ignition source. Wash thoroughly after handling the product. Avoid direct contact with eyes, skin, or inhalation of vapors or mist. Do not tale internally; contents may be harmful or fatal if swallowed. Use in well ventilated areas, Proper ventilation required. Store in a cool, dry area. Product container from physical damage; and from freezing conditions. Store away from oxidizing agents. Empty containers may retain product residue, obey hazard warnings.

Section 8: Exposure Controls and Personal Protection

Personal Protective Equipment for Routine Handling:

Eyes: Use proper protection – safety glasses as a minimum.

Skin: Washing at meal time and end of shift is adequate.

Suitable Gloves: butyl rubber protection gloves

Inhalation: If spraying or other operations that generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended.

Precautionary Measures: Avoid eye contact.

Section 9: Physical and Chemical Properties:

Physical Form:	Thin Liquid	Viscosity:	N/A
Color:	Straw to clear color.	Melting Point:	Not determined
Odor:	Definite acid odor.	Boiling Point:	212° F
Specific Gravity @ 25C:	1.210	Flash Point:	Not Flammable
Solubility in Water:	Soluble	Vapor Pressure @ 25°C	N/D
VOC content (% by weight)	0%	pH:	1

Section 10: Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Will not polymerize
Conditions to Avoid: None known
Materials to Avoid: Strong oxidizing agents.

Section 11: Toxicological Information

Acute Toxicity:	Irritation to eyes and skin
Chronic:	Overexposure to mineral acids can be found to cause anemia, liver, kidney, and lung damage, hypocalcaemia, blood damage and tissue breakdown in laboratory animals.
Eyes:	Vapors as well as liquid can cause corneal burns or conjunctivitis
Skin:	Vapors as well as liquid can cause severe burns which may not immediately be noticed. Hydrofluoric acid will penetrate skin and attack protein, subsurface tissue and bone.
Sensitization:	Not a known sensitizer
Mutagenicity:	No evidence for mutagenicity
Carcinogenicity:	Contains no ingredients classified as carcinogens by IARC, NTP or OSHA
Reproductive Toxicity:	No known reproductive toxicity
Target Organs:	None known
Aspiration Hazard:	No data available

Section 12: Ecological Information

Fish:	No data available
Daphnia:	No data available
Algae:	No data available

Section 13: Disposal Considerations

Dispose of where permitted in compliance with all applicable Federal, State and local government regulations.

Section 14: Transportation Information

HYDROFLUORIC ACID SOLUTION, NOT MORE THAN 60% STRENGTH, 8,

UN-1790, PH II, CORROSIVE, POISON

KEEP OUT OF REACH OF CHILDREN!

SHIPPING INFO, UN/NA #'S, SECONDARY CONTAINER LABEL INFO SUGGESTED OR NECASSARY.

Section 15: Regulatory Information

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

TSCA Status:	All chemical substances in this material are included on or exempted from listing on the TSCA inventory of chemical substances.		
EPA SARA Title III Chemical Listings	Section 302 Extremely Hazardous Substances	None	
	Section 304 CERCLA Hazardous Substances	None	
	Section 312 Hazard Class	Acute	No
		Chronic	No
		Fire	No

		Pressure	No
		Reactive	No
	Section 313 Toxic Chemicals	None	
Supplemental State Compliance Information	None		

Section 16: Other Information

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. Any material supplied is the sole responsibility of the user. All materials may present unknown health hazards and we cannot guarantee that the hazards listed herein are the only hazards that exist.