

SAFETY DATA SHEET

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union Reach Regulation, Directives 67/548/EC & 1999/45/EC and CLP Regulation 1272/2008/EC

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):

PRODUCT CODE:

PRODUCT USE:

Wire Wheel Acid

FP-033

This concentrate was developed to clean wire wheels and chrome wheels. It cleans without any need for brushing. Dilute 1 part concentrate with 4 parts of water. Do not use it on aluminum

UN1760

Corrosive liquid, n.o.s. (Contains Sulfuric acid and Hydrofluoric acid), Class 8, PGII

Clean Mart

4580 W. Sahara Ave #150, Las Vegas NV 89102

USA 1-702-870-3900

1-702-878-3001

1-800-535-5053 or 1-352-323-3500

June 5, 2013

January 01, 2013

U.N. NUMBER:

U.N. DANGEROUS GOODS CLASS:

MANUFACTURED FOR:

ADDRESS:

BUSINESS PHONE:

FAX#:

EMERGENCY PHONE:

DATE OF PREPARATION:

DATE OF LAST REVISION:

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: **Product Description:** This product is a slightly yellowish liquid with a pungent odor. **Health Hazards:** Liquid and vapors are very corrosive to eyes, respiratory tract and skin. Toxic if inhaled, in contact with skin and if swallowed. **Flammability Hazards:** Non-Flammable liquid with a flash point greater than 200°F. **Reactivity Hazards:** None known. **Environmental Hazards:** The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects. **Emergency Considerations:** Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

EU LABELING AND CLASSIFICATION:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION PER DIRECTIVE 1272/2008/EC:

Index Number:

EC# 231-791-2 This substance is not classified in the Annex I of Directive 67/548/EEC

EC# 231-639-5 Annex I Index# 016-020-00-8

EC# 231-634-8 Annex I Index# 009-003-00-1

CAS# 68439-46-3 is not listed in ESIS

Substances not listed either individually or in group entries must be self classified.

Component(s) Determining Hazards:

Sulphuric acid, Hydrogen fluoride, Alcohols, C9-11, ethoxylated

GHS Classifications:

Acute Inhalation Toxicity Category 2

Acute Dermal Toxicity Category 1

Acute Oral Toxicity Category 2

Skin Corrosive Category 1A

Signal Word: Danger!

Hazard Symbol:



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Hazard Statement:

H330: May be fatal if inhaled
H310: May be fatal in contact with skin
H300: May be fatal if swallowed
H314: Causes severe skin burns and eye damage

Precautionary Statement:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+352 IF ON SKIN: wash with plenty of soap and water.

EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:

Classification: [T] Toxic, [C] Corrosive, [Xi] Irritant

Risk Phrases: R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed; Causes skin burns.

Safety Phrases: S2: Keep out of reach of children; S7/9: Keep container closed and in a well ventilated place; S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S36/37: Wear protective clothing and gloves; S45: In case of an accident or if you feel unwell, seek medical advice immediately.

Annex II Hazard Symbol:



HEALTH HAZARDS OR RISKS FROM EXPOSURE:

Primary Routes(s) Of Entry: Skin Contact, Eye Contact, Inhalation, Ingestion

EYE HAZARDS: Contact with liquid or vapor causes severe burns and possible irreversible eye damage.



SKIN HAZARDS: May be fatal if absorbed through the skin. Causes severe burns with delayed tissue destruction.

Substance is rapidly absorbed through the skin. Penetration may continue for several days. Causes severe tissue necrosis and bone destruction. Both liquid and vapor can cause severe burns, which may not be immediately painful or visible. Solutions as dilute as 2% or lower may cause burns. Systemic fluoride toxicity from exposure to hydrofluoric acid may result in severe hypocalcemia, hypomagnesemia, hyperkalemia, metabolic acidosis, cardiac dysrhythmias, and death. Burns caused by weak hydrofluoric acid may go unnoticed for several hours. Therefore, first aid procedures must be followed if any contact is suspected.

INGESTION HAZARDS: Causes severe digestive tract burns with abdominal pain, vomiting, and possible death. Human fatalities have been reported from acute poisoning. Systemic fluoride toxicity from exposure to hydrofluoric acid may result in severe hypocalcemia (depletion of calcium in the blood), hypomagnesemia, hyperkalemia, metabolic acidosis, cardiac dysrhythmias, and death.

INHALATION HAZARDS: May be fatal if inhaled. May cause severe irritation of the upper respiratory tract with pain, burns, and inflammation. May cause pulmonary edema and severe respiratory disturbances. Depletes calcium levels in the body which can lead to hypocalcemia and death.

3. COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	AMOUNT	HAZARD SYMBOLS	HAZARD CLASSIFICATION 1999/45/EC; RISK PHRASES
Water	7732-18-5	231-791-2	60 - 70%	None	HAZARD CLASSIFICATION: None RISK PHRASES: None
Sulphuric Acid	7664-93-9	231-639-5	10 - 20%		HAZARD CLASSIFICATION: [C] Corrosive RISK PHRASES: R35
Hydrogen Fluoride	7664-39-3	231-634-8	10 - 20%	 	HAZARD CLASSIFICATION: [T] Toxic, [C] Corrosive RISK PHRASES: R26/27/28, R35
Alcohols, C9-11, ethoxylated	68439-46-3	Not Listed in ESIS	<5%		HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R38, 41
Each of the other components is present in less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

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NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Regulation 1272/2008 and the Japanese Industrial Standard JIS Z 7250: 2000.

4. FIRST-AID MEASURES

- EYE CONTACT:** If chemical contacts the eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. Remove contact lenses, if worn. Seek medical attention.
- SKIN CONTACT:** Wash contacted area with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops and persists.
- INHALATION:** If chemical is inhaled, or breathing is difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
- INGESTION:** If chemical is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Victims of chemical exposure must be taken for medical attention. Rescuers should be taken for medical attention, if necessary. Take a copy of the label and MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may be more susceptible to the effects of the substance.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: >200° F

AUTOIGNITION TEMPERATURE: Not Available

FLAMMABLE LIMITS (in air by volume, %): Lower NA Upper NA

FIRE EXTINGUISHING MATERIALS: Dry chemical, Foam, Carbon Dioxide.

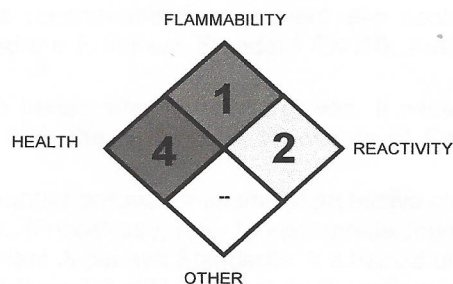
UNUSUAL FIRE AND EXPLOSION HAZARDS: Reacts with most metals to form highly flammable hydrogen gas which can form explosive mixtures with air. Containers may explode in the heat of a fire. Vapors may be heavier than air.

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING



Hazard Scale: 0 = Minimal 1 = Slight
2 = Moderate
3 = Serious 4 = Severe

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Proper protective equipment should be used.

SPILLS: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Dispose of in accordance with applicable Federal, State, and local regulatory procedures (see Section 13, Disposal Considerations).

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product.

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STORAGE AND HANDLING PRACTICES: Store in a cool, dry, well-ventilated area away from incompatible substances. Corrosives area. Do not store in metal or glass containers. Inspect periodically for damage or evidence of leaks or corrosion. Store in approved containers only.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Component Name	CAS#	ACGIH-TLV's	OSHA PEL's	NIOSH-TLV's	Other
Water	7732-18-5	None Listed	None Listed	None Listed	Not Listed
Sulphuric Acid	7664-93-9	0.2 mg/m ³	1 mg/m ³	1 mg/m ³	1 mg/m ³
Hydrogen Fluoride	7664-39-3	0.5 ppm	3 ppm	3 ppm	2 ppm
Alcohols, C9-11, ethoxylated	68439-46-3	None Listed	None Listed	None Listed	Not Listed

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the established limits.

Currently, International exposure limits are not established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not normally required with this product. If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Splash goggles or safety glasses with side shields recommended to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible protective gloves recommended. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate for task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

VAPOR DENSITY: Same as Water

SPECIFIC GRAVITY @ 20°C: 1.10 (water=1)

VAPOR PRESSURE: Same as Water

BOILING POINT: >65°C (>150°F)

APPEARANCE, ODOR and COLOR: This product is a slightly yellowish liquid with a pungent odor.

EVAPORATION RATE (n-BuAc=1): Not Available

SOLUBILITY IN WATER: Complete

pH: Not Available

FREEZING POINT: >32°F

10. STABILITY and REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage

DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Metals, strong oxidizing agents, strong bases, acetic anhydride, alcohols, amines, glass, concrete and other silicon-bearing materials will yield silicon tetrafluoride gas in contact with HFA. Pressure build up from this process has been known to blow up glass containers., Carbonates, sulfides, and cyanides will yield toxic gases such as carbon dioxide, hydrogen sulfide, and hydrogen cyanide.

HAZARDOUS DEPOLYMERIZATION: Will not occur.

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CONDITIONS TO AVOID: Excessive heat, incompatible materials

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:

CAS# 7664-93-9:

Draize test, rabbit, eye: 250 ug Severe;

Inhalation, mouse: LC50 = 320 mg/m³/2H;

Inhalation, mouse: LC50 = 320 mg/m³;

Inhalation, rat: LC50 = 510 mg/m³/2H;

Inhalation, rat: LC50 = 510 mg/m³;

Oral, rat: LD50 = 2140 mg/kg;

CAS# 7664-39-3:

Inhalation, mouse: LC50 = 342 ppm/1H;

Inhalation, mouse: LC50 = 5000 mg/m³/5M;

Inhalation, mouse: LC50 = 270 mg/m³/60M;

Inhalation, rat: LC50 = 1276 ppm/1H;

Inhalation, rat: LC50 = 1100 mg/m³/60M;

SUSPECTED CANCER AGENT: One or more of the components of this product are listed by agencies tracking the carcinogenic potential of chemical compounds as follows:

CAS# 7664-93-9:

ACGIH: A2 - Suspected Human Carcinogen (contained in strong inorganic acid mists)

CALIFORNIA: carcinogen, initial date 3/14/03 (listed as Strong inorganic acid mists containing sulfuric acid).

NTP: Known carcinogen (listed as Strong inorganic acid mists containing s).

IARC: Group 1 carcinogen

IRRITANCY OF PRODUCT: None known

SENSITIZATION TO THE PRODUCT: None known

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans.

Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY: No Data

MOBILITY IN SOIL: No Data

PERSISTENCE/DEGRADABILITY: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

ENVIRONMENTAL STABILITY: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

BIOACCUMULATION/ACCUMULATION: These products have not been tested for bio-accumulation potential.

WATER ENDANGERMENT CLASS: Not Established

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

EU Waste Code: Not Listed

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14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

NOTE: This product may be shipped as a "Limited Quantity" if it meets the following requirements:

For corrosive materials in Packing Group II, not to exceed 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 pounds) net capacity each for solids, packed in a strong outer packaging.

PROPER SHIPPING NAME: Corrosive liquid, n.o.s. (Contains Sulfuric acid and Hydrofluoric acid)

HAZARD CLASS NUMBER and DESCRIPTION: Class 8, Corrosive

UN IDENTIFICATION NUMBER: UN1760

PACKING GROUP: PGII

DOT LABEL(S) REQUIRED: Corrosive

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: 154

RQ QUANTITY: None

MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is considered as dangerous goods.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is considered as dangerous goods.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is considered by the United Nations Economic Commission for Europe to be dangerous goods

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS

The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

SECTION 302 (RQ)

None

SECTION 302 (TPQ)

CAS# 7664-93-9: 1000 lb TPQ

CAS# 7664-39-3: 100 lb TPQ

SECTION 313

This material contains Sulfuric acid (CAS# 7664-93-9, <20%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

This material contains Hydrofluoric acid (CAS# 7664-39-3, <20%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

TSCA

All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312: Acute Health: Yes; Chronic Health: Yes; Fire: No; Reactivity: Yes

U.S. CERCLA REPORTABLE QUANTITY (RQ): CAS# 7664-93-9: 1000 lb final RQ; 454 kg final RQ; CAS# 7664-39-3: 100 lb final RQ; 45.4 kg final RQ

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain a component above the 0.1% level which is listed as a California Proposition 65 chemical.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

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CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as D1A Very Toxic Materials; Class D2A Very Toxic Materials; and Class E Corrosive, as per the Controlled Product Regulations.



EU HAZARD INFORMATION:

See section 2 for details

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS or exempt.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftlist of Toxic Substances: Listed

U.S. TSCA: Listed

16. OTHER INFORMATION

PREPARED BY: Paul Eigbrett

GHS MSDS Compliance PLUS

DATE: June 5, 2013

All chemicals may pose unknown hazards and should be used with cautions. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, CLEAN MART assumes no responsibility for the completeness or accuracy of the information contained herein. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

ABBREVIATIONS AND ACRONYMS:

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

End of MSDS Sheet