

## Safety Data Sheet

Date Prepared: 01/14/2022  
Supersedes: New

### Section 1 Identification

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**Product Identifier:** EFF OFF

**Product Use:** Used in various industrial applications.

**Restricted Uses:** Avoid use in food and food products.

**Company Identification:** Delux Cleaning Supply Inc. dba  
**Address:** 2313 Cold Springs Road  
Ft. Worth, Texas 76106 USA  
[www.powerwash.com](http://www.powerwash.com)  
**Phone:** 800-433-2113 (for product information)

*For chemical emergency, call CHEMTEL day or night. Within USA and Canada, call 1-800-255-3924.*

### Section 2 Hazard(s) Identification

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<b>Classification:</b>	Serious eye damage/eye irritation	Category 1
	Skin corrosion/irritation	Category 1B
	STOT - inhalation	Category 3
	Acute toxicity - inhalation	Category 4
	Acute toxicity - oral	Category 4
	Aquatic toxicity - acute	Category 2

**Signal Word:** Danger!

**Hazard Statements:** Causes serious eye damage. Causes severe skin burns and eye damage. May cause respiratory irritation. Harmful if inhaled. Harmful if swallowed. Toxic to aquatic life.

**Precautionary Statements:** Keep container tightly closed. Avoid breathing dust, fume, gas, mist, vapors, and spray. Use outdoors or in a well-ventilated area. Do not eat, drink, or smoke while using this product. Wash thoroughly with soap and water after handling. Wear eye protection, face protection, protective clothing, and protective gloves. Avoid release to the environment. Dispose of contents and container in accordance with local, state, and federal regulations.

**Label Pictograms:**



## Section 3 Composition/Information on Ingredients

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### Contains Hazardous or Regulated Components

Chemical Name	Percentage	CAS Number	EC Number
Proprietary Trade Secret All hazards are communicated in this SDS	Proprietary	Proprietary	Proprietary

*\*Some items on this SDS may be designated as proprietary and/or trade secrets (TS). The exact % concentration of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA HCS 1910.1200.*

## Section 4 First-Aid Measures

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**Eyes:** Immediately flush eyes thoroughly with water. Remove contact lenses. Continue flushing eyes for at least 20 minutes, including under lids. Seek immediate medical attention.

**Skin:** In case of contact, immediately wash with plenty of soap and water for at least 20 minutes. Seek medical attention if irritation or redness occurs. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse.

**Ingestion:** Contact poison control (USA 1-800-222-1222). Do not induce vomiting without medical advice. If the individual is fully conscious, rinse mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave individual unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay individual on side with head lower than waist.

**Inhalation:** If respiratory irritation or distress occurs, remove individual to fresh air. Seek medical attention if respiratory irritation or distress continues. If breathing is difficult, give oxygen. If breathing has ceased, apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**Notes to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 Firefighting Measures

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**Flash Point:** Not Available

**Autoignition Temperature:** Not available

**Hazardous Combustion Products:** Burning or thermal decomposition after evaporation of water may create carbon and nitrogen oxides, chlorine vapors, unburned hydrocarbons, or other toxic fumes.

**Unusual Fire & Explosion Hazards:** No data available

**Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, foam, and/or water fog.

**Special Firefighting Procedures:** Use full fire-bunker assembly with SCBA and water spray for exposure protection. Do not use a solid water stream, as it may scatter and spread fire. See **Section 16** for NFPA 704 information.

## Section 6      Accidental Release Measures

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Wear appropriate protective gear for the situation. See **Personal Protection** information in **Section 8**.

**Containment of Spill:** Evacuate and isolate the area. Ventilate the area if it can be done safely. Keep upwind and uphill from the spilled material. Dike or retain water used for dilution or firefighting for later disposal. Follow disposal procedure described in **Section 13**. Prevent entry into waterways, sewer, basements, or confined areas. Product should not be released into the environment.

**Cleanup and Disposal of Spill:** Vacuum or pump spills and collected material into an appropriate storage container. For spill residue, use absorbent materials such as dry earth, sand, or other compatible material. If diluting with water, collect water runoff for proper disposal per federal and state regulations.

**Environmental and Regulatory Reporting:** Runoff from fire control or dilution water may cause pollution. Spills may be reportable to the National Response Center (1-800-424-8802) and to state and/or local agencies.

## Section 7      Handling and Storage

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**Minimum/Maximum Storage Temperature:** Store at temperatures of 35°F to 120°F (4°C to 49°C).

**Handling:** Use appropriate safety equipment. Empty containers are hazardous. Avoid inhalation or contact with eyes, skin, or clothing. Avoid prolonged or repeated exposure. Use with adequate ventilation. Wash contaminated clothing before reuse.

**Storage:** Store in tightly closed containers in area that is dry, well-ventilated, and out of direct sunlight. Store the product in original container or appropriate end-use container. Keep from freezing. Do not store with incompatible materials (see **Section 10**).

## Section 8      Exposure Controls/Personal Protection

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### Exposure Guidelines:

	<u>TWA</u>	<u>STEL</u>	<u>TLV-C</u>
Hydrochloric Acid (7647-01-0)			
ACGIH	Not available	Not available	2 ppm
OSHA	Not available	Not available	5 ppm

**Engineering Controls:** The following traditional exposure techniques may be used to effectively minimize employee exposures:

**Eye protection:** When engaged in activities where product could contact the eye, wear safety glasses with side shields, goggles, or face shield.

**Skin protection:** Skin contact should be minimized through use of butyl rubber, nitrile, or other chemical resistant material and suitable long-sleeved chemical splash clothing. Protective clothing must be durable and permeation resistant.

**Respiratory protection:** Use local or general ventilation to control exposures below applicable exposure limits. NIOSH- or MSHA-approved organic vapor-filter respirators should be used in the context of a respiratory protection program that meets the requirements of the OSHA Respiratory Protection Standard [29 CFR 1910.134]. Respirator or filter cartridge selection should be based on American National Standards Institute (ANSI) Z88.2-2015: Practices for Respiratory Protection.

**Work Practice Controls:** Personal hygiene is an important exposure-control measure. The following general measures should be taken when working with or handling this material:

**Hygiene:** Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Do not store or consume foods, beverages, or tobacco products in areas where this material is stored.

**Exposure control:** Wash exposed skin promptly to remove accidental splashes or contact with this material.

## Section 9 Physical and Chemical Properties

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### Information on Basic Physical and Chemical Properties

<b>Physical state:</b>	Liquid
<b>Appearance:</b>	Clear, maybe cloudy based on ambient temperature
<b>Odor:</b>	Slight odor
<b>Odor threshold:</b>	Not available

<u>Property</u>	<u>Values (Method)</u>
<b>Freezing point:</b>	Not available
<b>Boiling point:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid/gas):</b>	Not applicable
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Specific gravity (H<sub>2</sub>O=1):</b>	Not available
<b>Solubility in water:</b>	Soluble
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Decomposition temp.:</b>	Not available
<b>pH:</b>	2 - 4
<b>Autoignition temp.:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Lower/upper explosive limits:</b>	Not applicable
<b>Crystallization temp.:</b>	Not available
<b>VOC content:</b>	Not available
<b>Density:</b>	Not available
<b>Bulk density:</b>	Not applicable

## Section 10 Stability and Reactivity

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**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Do not allow to freeze.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Incompatibility With Other Materials:** No data available

**Hazardous Decomposition:** Burning or thermal decomposition after evaporation of water may create carbon oxides, chlorine vapors, unburned hydrocarbons, or other toxic fumes.

## Section 11 Toxicological Information

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### Acute Eye and Skin Toxicity Data:

Hydrochloric Acid (7647-01-0)		
Dermal LD50	Rabbit	5010 mg/kg
Oral LD50	Mouse	2,700 mg/kg
Inhalation LC50	Rat	3124 ppm (1 hour)

### Information on Potential Routes of Exposure:

**Eyes:** Avoid contact with eyes. Causes severe eye damage, discomfort, redness, or tearing, by direct product contact, mists, or vapors.

**Skin:** Avoid contact with skin. Causes severe skin damage, edema, drying, and cracking of the skin.

**Inhalation:** Avoid breathing fumes, gas, spray or vapors. May cause inhalation irritation.

**Ingestion:** Do not ingest. May cause gastrointestinal irritation such as nausea, vomiting, diarrhea, and cramping.

**Target Organ Effects:** Not available

**Teratology:** Not available

**Mutagenicity:** Not available

**Reproduction:** Not available

**Chronic Toxicity:** This product does not contain substances that are considered by OSHA, NTP, IARC, or ACGIH to be "probable" or "suspected" human carcinogens.

## Section 12 Ecological Information

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**Chemical Fate Information:** Not available

**Ecotoxicity:** Toxic to aquatic life. Do not allow release to the environment.

**Persistence/Degradability:** Not available

**Bioaccumulative Potential:** Not available

## Section 13 Disposal Considerations

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**Waste Disposal:** Chemical additions, processing, or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate. Dispose of waste material according to local, state, and federal regulations.

**Container Disposal Method:** Emptied container may contain product residue and should not be reused.

## Section 14      Transport Information

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**Department of Transportation (DOT):** UN1760, Corrosive liquid, n.o.s.(contains hydrochloric acid), 8, PGIII

**International Air Transport Association (IATA):** UN1760, Corrosive liquid, n.o.s.(contains hydrochloric acid), 8, PGIII

## Section 15      Regulatory Information

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### Federal Regulatory Status:

**Status under OSHA Hazard Communication Standard, 29 CFR 1910.1200:** This product is considered a “hazardous chemical” under this regulation and should be included in the employer’s hazard communication program.

**Reportable Quantities under CERCLA and EPCRA, 40 CFR 302 and 355:** The product does not contain component(s) regulated under this section in its current packaging configuration.

**Clean Water Act Reporting 40 CFR 117 Section 311:** The product does not contain component(s) regulated under this section.

**Clean Air Act Reporting:** The product does not contain component(s) regulated under this section.

**Applicability of EPCRA Toxic Chemical Release Inventory (TRI) Reporting, 40 CFR 372:** The product does not contain component(s) regulated under this section.

**Status under the Toxic Substances Control Act, 40 CFR 710:** All chemicals comprising this product are either exempt or listed on the TSCA Inventory.

**Drug Enforcement Administration (DEA):** This product is not regulated under 21 CFR 1310.02(b) and 1310.04(f)(2) or 21 CFR 1310.12.

### SARA Title III Hazard Classes:

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Reactive Hazard:	Yes
Release of Pressure:	No

### State Regulations:

**California:** This product does not contain components that are regulated under California Proposition 65.

**Massachusetts:** This product does not contain components that are regulated under the Massachusetts Substance List (MSL).

**New Jersey:** This product contains components that are regulated under the New Jersey Right to Know Hazardous Substance List: Hydrochloric Acid (7647-01-0)

**Pennsylvania:** This product contains components that are regulated under the Pennsylvania Hazardous Substance List: Hydrochloric Acid (7647-01-0)

### International Regulations:

#### Canadian Regulations:

**Workplace Hazard Materials Information System (WHMIS):** This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations, and the SDS contains all the information required by these regulations.

**DSL/NDSL (Canadian) Listing:** All ingredients in this product are listed on the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL), or are exempt from listing.

## Section 16 Other Information

National Fire Protection Association (NFPA) Ratings:

Health: 2

Flammability: 0

Reactivity: 1



Hazardous Material Information System (HMIS):	Health	2
	Flammability	0
	Physical Hazard	1
	Personal Protection	C

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

**Protective Equipment:** H (Safety glasses, gloves, and chemical splash)



**Disclaimer:** The information contained in this document is given in good faith and based on Delux Cleaning Supply Inc. dba current knowledge. This information is not a substitute for necessary prior tests, which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations.

END OF SDS