

# SAFETY DATA SHEET

## FC7? 9H'8F 5-B 'CD9B9F

### 1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Use of Preparation:** Drain Opener

**Company Identification:**

T 0 1 P 0 U A 0 S 0 C E P 0 A 0 J M U 0 S 0 U A Y 0 E 0 P U W 0  
G i 0 C a q A 0 d ^ ^ c  
0 0 S 0 X 0 S 0 E 0 U P  
S i P A U I

**Company Emergency Telephone Number(s):**

1-613-962-0437

**Transportation Emergency Telephone Number(s):**

1-613-962-0437

### 2 HAZARD IDENTIFICATION

**GHS Hazards:** Skin corrosion/irritation Category 1A H314  
Serious eye damage/eye irritation Category 1 H318  
Corrosive to Metals Category 1 H290

**Hazard Pictograms :**



### GHS Label Elements, Including Precautionary Statement

**Signal Word:** DANGER

**Hazard**

**Statements:** Causes severe skin burns and eye damage. Causes serious eye damage. May be corrosive to metals.

**Precautionary**

**Statements:** Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

**Storage:** Store in a closed container. Store locked up.

**Disposal:** Dispose of contents/container according to local, provincial and federal regulations.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
Sulfuric Acid	7664-93-9	Corrosive to Metals Category 1 H290 Skin corrosion/irritation Category 1A H314 Serious eye damage/eye irritation Category 1 H318 Acute toxicity,oral Category 5 H303	60-100

## 4 FIRST AID MEASURES

**Inhalation:** Remove victim to fresh air. If symptoms persist, call a physician

**Eye Contact:** Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.

**Skin Contact:** Flush skin with plenty of water, for at least 15 minutes, while removing contaminated clothing. Call physician immediately. Wash contaminated clothing, shoes and leather goods before reuse or discard.

**Ingestion:** DO NOT induce vomiting. Rinse mouth with water, then drink one glass of water. Seek medical attention. Never give anything by mouth if victim is unconscious or convulsing.

**Most Important Symptoms and Effects:** See Section 11 Toxicological Information

**Notes to Physician:** Treatment based on judgment of attending physician.

## 5 FIRE FIGHTING MEASURES

**Suitable extinguishing media:** As appropriate for burning of surrounding products. Use dry chemical, carbon dioxide, foam or water spray.

**Unsuitable extinguishing media:** None known

**Special exposure hazards:** Corrosive material. Container may burst in heat of fire. Contact with moisture may result in heating or ignition. Capable of igniting finely divided combustibles on contact.

**Special safety equipment:** Fire-fighters should wear chemical-resistant clothing (for example, chemical splash suit) and positive pressure self-contained breathing apparatus, approved by NIOSH/MSHA.

**Fire and explosion:** Not considered to be a fire or explosive hazard

**Further information:** None

## 6 ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8

### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Ventilate area.

**Environmental Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Recover and reuse as much of the product as possible. Restrict access to area until completion of clean up. Ensure trained personnel conduct clean up. Do not touch spilled material.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.

## 7 HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with skin, eyes and clothing. Wear proper protective equipment Ensure good ventilation/exhaustion at the workplace. Do not breathe thermal decomposition products. Wash thoroughly after handling.

**Information about fire and explosion protection:** Keep respiratory protective device available.

**Requirements to be met by storerooms and receptacles:** Store in a cool and dry location. Keep only in original container. Keep away from incompatible materials , (see section 10)

**Information about storage in one common storage facility:** Store away from foodstuffs. Store away from oxidizing agents, acids and strong bases

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles. Plastic containers recommended.

**Specific end use:**

No further relevant information available.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Respiratory protection:</b>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limit are exceeded or if irritation or other symptoms are experienced.
<b>Hand protection:</b>	Butyl, nitrile rubber or natural rubber. Confirm with reputable supplier first.
<b>Eye protection:</b>	Safety goggles or full face shield.
<b>Skin protection:</b>	Personal protective equipment comprising of suitable protective gloves, safety glasses and protective clothing
<b>Working hygiene:</b>	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
<b>Exposure Guidelines:</b>	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	clear, amber liquid
<b>Molecular Weight:</b>	No Data Available
<b>Odour:</b>	Pungent Odour
<b>Odour Threshold:</b>	No Data Available
<b>pH:</b>	<1
<b>Melting Point:</b>	No Data Available
<b>Boiling Point:</b>	270 ° C
<b>Flash Point:</b>	No Data Available
<b>Evaporation Rate (BuAc=1):</b>	No Data Available
<b>Flammable Limits in Air:</b>	No Data Available
<b>Upper Flammability Limit:</b>	No Data Available
<b>Lower Flammability Limit:</b>	No Data Available
<b>Vapour Density (Air=1):</b>	3.4
<b>Vapour Pressure:</b>	0.0018 mm Hg @20°C
<b>Specific Gravity:</b>	1.835
<b>Solubility in Water:</b>	Very Soluble
<b>Log Pow (calculated):</b>	No Data Available
<b>Autoignition Temperature:</b>	No Data Available
<b>Decomposition Temperature:</b>	No Data Available
<b>Viscosity:</b>	As Water
<b>Solubility in other Solvents:</b>	No Data Available
<b>Partition Coefficient: n-octanol / Water:</b>	No Data Available
<b>Kinematic Viscosity:</b>	No Data Available
<b>Dynamic Viscosity:</b>	No Data Available
<b>Explosive Properties:</b>	No Data Available

Percent Volatile by Volume:

No Data Available

# 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Normally stable.
<b>Chemical stability:</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Thermal decomposition conditions to avoid:</b>	Heat
<b>Possibility of hazardous reactions:</b>	not known
<b>Conditions to avoid:</b>	Unintentional contact with water and moisture. Keep containers tightly closed, when not in use.
<b>Hazardous decomposition products:</b>	Decomposes on heating, emitting toxic fumes. Oxides of sulphur.
<b>Materials to avoid:</b>	Organic materials, metals and combustible materials. When diluting DO NOT add water to the acid. Add acid to water.
<b>Hazardous polymerization:</b>	Will not occur

# 11 TOXICOLOGICAL INFORMATION

## Information on toxicological effects

**Acute toxicity:** None

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Symptoms:</b>	Conditions aggravated by exposure: Skin conditions.
<b>Sensitization:</b>	No data available
<b>Mutagenic Effects:</b>	No data available
<b>Carcinogenicity:</b>	The International Agency for Research on Cancer (IARC) has determined that occupational exposure to strong-inorganic-acid mists containing sulfuric acid is carcinogenic to humans (group 1)
<b>Reproductive Toxicity:</b>	No data available
<b>STOT single exposure:</b>	No data available
<b>STOT repeated exposure:</b>	No data available
<b>Chronic Toxicity:</b>	No data available
<b>Target Organ Effects:</b>	No data available

**Aspiration hazard:** No data available

**Listed Ingredients:**

Sulfuric Acid

LC 50-Gambusia affinis (Mosquito fish) - 42 mg/L - 96h

## 12 ECOLOGICAL INFORMATION

<b>Toxicity:</b>	Product is corrosive. Low pH (acidity) of material is harmful to aquatic life.
<b>Persistence and Degradability:</b>	No Data Available
<b>Bioaccumulative Potential:</b>	No Data Available
<b>Mobility in Soil:</b>	No Data Available
<b>Other Information:</b>	No Data Available
<b>Aquatic Toxicity:</b>	No Data Available
<b>Toxicity to algae, fish, invertebrates:</b>	No Data Available
<b>Biodegradation:</b>	No Data Available

## 13 DISPOSAL

<b>Waste Disposal Recommendations:</b>	Dispose of waste material in accordance with all local, regional, national, and international regulations.
<b>Ecology – Waste Materials:</b>	Avoid release to the environment.
<b>Empty Containers:</b>	Triple rinse and dispose according to provincial, state and federal regulations

## 14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Sulphuric Acid	Sulphuric Acid	8	1830	II

**Please note:** This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should

be performed by trained personnel only.

# 15 REGULATION

**OSHA/WHMIS 2015 Classification:** Corrosive to Eyes and Skin  
Corrosive to Metals

**California PROP 65:** no ingredients listed

**Cdn Domestic Substance List (DSL):** All Ingredients Listed

## HMIS III Rating

**Health:**

**Flammability:**

**Physical:**

**Personal Protection:**

# 16 OTHER INFORMATION

**Prepared by:**

MAUNCO CLEANING SUPPLIES WAREHOUSE  
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BELLEVILLE, ON  
K8N 5S4  
1-613-962-0437

Issuing Date	Version#	Reason for Revision
Sep 11, 2017	1	

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**