

# SAFETY DATA SHEET

Sany Drain Opener

## SECTION 01: IDENTIFICATION

**Product identifier** SANY DRAIN OPENER  
**Other means of identification** N/AP  
**Recommended use** Drain opener  
**Recommended restrictions** Reserved for industrial and professional use.  
**Manufacturer**  
**Company name** Crown Chemical Products Inc. **Supplier's Name** Master Plumber  
**Address** 6125 Netherhart Road, Mississauga, Ont. **Supplier's Address** Sany Inc.  
L5T 1G5  
**Emergency Tel:** (905) 564-0904

## SECTION 02: HAZARD(S) IDENTIFICATION

### Hazard Classification

|                                   |            |
|-----------------------------------|------------|
| Corrosive to metals               | Category 1 |
| Acute Toxicity, Oral              | Category 4 |
| Acute Toxicity, Inhalation        | Category 4 |
| Skin Corrosion/Irritation         | Category 1 |
| Serious Eye damage/eye irritation | Category 1 |

### Label elements



### Signal Word

**Danger**

### Hazard Statement

May be corrosive to metals.  
Harmful if swallowed.  
Harmful if inhaled.  
Causes severe skin burns and eye damage.

### Precautionary Statement

Do not get in eyes, on skin, or on clothing.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe fumes.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Immediately call a POISON CENTER or doctor/physician.  
Wash contaminated clothing before reuse.  
Absorb spillage to prevent material damage.  
Store in a closed container. Store locked up.  
Keep out of reach of children.

## SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS Number | Concentration % |
|----------------|------------|-----------------|
| Sulphuric Acid | 7664-93-9  | 80-100          |

## SECTION 04: FIRST-AID MEASURES

**Inhalation** Remove to fresh air. Get medical attention if symptoms occur.

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

**Eye** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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**Ingestion** Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Most important symptoms/effects, acute and delayed** See Section 11 for more detailed information on health effects and symptoms.

## SECTION 05: FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** None known.

**Specific hazards arising from the chemical** Not flammable or combustible.

**Special protective equipment and precautions for firefighters** Wear full protective equipment including a self-contained breathing apparatus. Do not breathe fumes.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

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.

### Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## SECTION 07: HANDLING AND STORAGE

**Precautions for safe handling** Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid breathing mist or vapour. Use only with adequate ventilation. Do not mix with bleach or other chlorinated products - will cause chlorine gas.

**Conditions for safe storage** Keep out of reach of children.  
Store in suitable labeled containers.  
Store locked up.

## SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits** Sulphuric Acid  
Form of exposure: TWA (Thoracic fraction)  
Permissible concentration: 0.2 mg/m<sup>3</sup>

**Appropriate Engineering Controls** Effective exhaust ventilation system.

**Personal Protective Equipment** Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

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|                    |  |
|--------------------|--|
| <b>Gloves</b>      | Rubber or latex  |
| <b>Respiratory</b> | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| <b>Eye</b>         | Wear eye protection/face protection.   |
| <b>Clothing</b>    | Wear protective clothing.  |

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| <b>Odour</b>                                   | Odourless                                    |
| <b>Physical State</b>                          | Liquid                                       |
| <b>Color</b>                                   | Colourless                                   |
| <b>Odour Threshold</b>                         | No data available.                           |
| <b>pH</b>                                      | 0.3  |
| <b>Freezing Point (°C)</b>                     | No data available.                           |
| <b>Initial Boiling Point (°C)</b>              | >100°C                                       |
| <b>Flashpoint (°C)</b>                         | Not applicable, does not sustain combustion. |
| <b>Evaporation Rate</b>                        | No data available.                           |
| <b>Flammability</b>                            | No data available.                           |
| <b>Lower Explosive Limit</b>                   | No data available.                           |
| <b>Upper Explosive Limit</b>                   | No data available.                           |
| <b>Lower Flammability Limit</b>                | Not applicable.                              |
| <b>Upper Flammability Limit</b>                | Not applicable.                              |
| <b>Vapour Pressure (mm)</b>                    | No data available.                           |
| <b>Vapour Density (Air = 1)</b>                | No data available.                           |
| <b>Relative Density</b>                        | 1.84   |
| <b>Solubility</b>                              | Soluble                                      |
| <b>Partition coefficient (n-octanol/water)</b> | No data available.                           |

## SECTION 10: STABILITY AND REACTIVITY

|                                  |                    |
|----------------------------------|--------------------|
| <b>Auto Ignition Temp. (°C)</b>  | No data available. |
| <b>Decomposition Temperature</b> | No data available. |

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**Viscosity** No data available.

**Reactivity** Reacts violently with water and organic materials with evolution of heat.

**Chemical Stability** Stable under recommended storage conditions.

**Possibility of hazardous reactions** See "Reactivity"

**Conditions to avoid** Concentrated acid is strong oxidizing agent. May cause ignition of combustible material on contact with generation of toxic fumes. Avoid open flames and sparks.

**Incompatible Materials** Bases, Metals, and Organic materials

**Hazardous Decomposition Products** Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus

## SECTION 11: TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**  Skin Contact  Eye Contact  Ingestion  
 Skin Absorption  Inhalation

**Toxicological Information** Effects Of Acute Exposure To Product  
Health Hazard Data:  
Eye – Immediate pain, severe burns and serious eye damage.  
Skin – Concentrate solution may cause pain and severe burns to the skin.  
Ingestion – Severe burning and pain in the mouth, throat and abdomen.  
Inhalation – Mists and vapours may cause irritation of the eyes, nose and respiratory tract.

Chronic Exposure - Health injuries are not know or expected under normal use.

### ToxicityData

Acute oral toxicity : no data available  
Acute inhalation toxicity : no data available  
Acute dermal toxicity : no data available  
Skin corrosion/irritation : no data available  
Serious eye damage/eye irritation : no data available  
Respiratory or skin sensitization : no data available

### Carcinogenicity

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP : Known to be human carcinogen

Reproductive effects : no data available  
STOT- single exposure : no data available.  
STOT - repeat exposure : no data available.

Respiratory or skin sensitization : no data available.  
Germ cell mutagenicity : no data available.

## Numerical Measures Of Toxicity

Hazardous Inredients

LD<sub>50</sub> /LC<sub>50</sub> Specify  
Species and Route

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## Hazardous Ingredients

Sulphuric Acid

## LD<sub>50</sub> /LC<sub>50</sub> Specify Species and Route

LC50 - Inhalation (Rat) 510 mg/m<sup>3</sup> - 2 HR  
LD50 - Oral (Rat) 2140 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | Environmental Effects: 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 adverse effects</b>         | No data available.                              |

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal methods** In accordance with municipal, provincial and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

|                                      |   |
|--------------------------------------|---|
| <b>UN number</b>                     | 1830  |
| <b>TDG Classification</b>            | SULPHURIC ACID Class 8                                  |
| <b>Packing group</b>                 | II  |
| <b>Special Shipping Instructions</b> | Refer to Transportation of Dangerous Goods Regulations. |

## SECTION 15: REGULATORY INFORMATION

**Regulatory Information** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

## SECTION 16: OTHER INFORMATION

N/AP = Not Applicable  
N/AV = Not Available  
ACGIH : American Conference of Governmental Industrial Hygienists  
AIHA : American Industrial Hygiene Association  
CMRG : Chemical Manufacturer's Recommended Guidelines  
GHS: Globally Harmonized System  
HPR : Hazardous Products Regulations  
IARC: International Agency for Research on Cancer  
NIOSH: The National Institute for Occupational Safety and Health  
NTP : National Toxicology Program  
OSHA : United States Department of Labor - Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Value  
TWA: Time-Weighted-Average

**Prepared By:** Crown Chemical Products Inc.

**Revision Date**

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Revision Date

December 13, 2018

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