



## SULPHURIC ACID, 9.0N, 60 mL

Revision: 2024-07-31

Version: 01.0

### 1. IDENTIFICATION

**Product name:** SULPHURIC ACID, 9.0N, 60 mL  
**SDS #:** MS0802330  
**Recommended use:**

- Industrial/Institutional
- This product is intended to be used neat.

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**  
 US Headquarters  
 Diversey, Inc.  
 1300 Altura Rd., Suite 125  
 Fort Mill, SC 29708  
 Phone: 1-888-352-2249  
 SDS Internet Address: <https://sds.diversey.com>

Canadian Headquarters  
 Diversey Canada, Inc.  
 6150 Kennedy Road Unit 3  
 Mississauga, Ontario L5T 2J4  
 Phone: 1-800-668-7171

**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Carcinogenicity, Category 1A  
 Skin corrosion, Category 1A  
 Serious eye damage, Category 1  
 Corrosive to metals, Category 1



**Signal word:**

Danger.

#### Hazard Statements

MAY CAUSE CANCER. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY BE CORROSIVE TO METALS.

#### Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Keep only in original container. Do not breathe spray. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. IF exposed or concerned: Get medical advice or attention. Immediately call a Poison Center (1-800-851-7145) or physician. Absorb spillage to prevent material damage. Store locked up. Store in corrosive-resistant container with a resistant inner liner. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classified Ingredients

| Ingredient(s) | CAS #     | Weight % |
|---------------|-----------|----------|
| Sulfuric acid | 7664-93-9 | 30 - 60% |

## 4. FIRST AID MEASURES

### Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

## 5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Corrosive material (See sections 8 and 10).

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Absorb spillage to prevent material damage.

**Storage:** Store in corrosive-resistant container with a resistant inner liner.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

| Ingredient(s) | ACGIH                       | OSHA                      |
|---------------|-----------------------------|---------------------------|
| Sulfuric acid | 0.2 mg/m <sup>3</sup> (TWA) | 1 mg/m <sup>3</sup> (TWA) |

### Undiluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

#### Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

**Eye protection:** Chemical-splash goggles.

**Hand protection:** Long chemical-resistant gloves.

**Skin and body protection:** Protective footwear. Wear suitable protective clothing.

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Evaporation Rate:** No information available  
**Odor threshold:** No information available.  
**Melting point/freezing point (°C):** <0 °C  
**Autoignition temperature:** No information available  
**Solubility in other solvents:** No information available  
**Density:** Kg/L  
**Bulk density:** No information available  
**Flash point (°F):** Not applicable  
**Kinematic viscosity:** No information available  
**VOC:** 0 % \*  
**Flammability (Solid or Gas):** Not applicable  
**Sustained combustion:** Not applicable  
**Explosion limits:** - upper: Not determined - lower: Not determined

**Color:** Clear , Colorless  
**Odor:** No Odor/Odorless  
**Boiling point/range:** 100°C  
**Decomposition temperature:** Not determined  
**Solubility:** Completely Soluble  
**Relative Density (relative to water):** No information available  
**Vapor density:** No information available  
**Vapor pressure:** <0.00120mmHg  
**Partition coefficient (n-octanol/water):** No information available  
**Elemental Phosphorus:** - % by wt.  
**pH:** No information available  
**Corrosion to metals:** Metal corrosive

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable  
**Stability:** The product is stable  
**Possibility of hazardous reactions:** None known  
**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** Do not mix with any other product or chemical unless specified in the use directions.  
**Conditions to avoid:** None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):**

**Carcinogen Listings:** This product contains sulfuric acid. Strong inorganic sulfuric acid mists are classified as known human carcinogens by IARC and NTP. However, this product is not intended to be sprayed or misted. Therefore, this product will not form sulfuric acid mists under normal use conditions or foreseeable emergencies

| Ingredient(s) | CAS #     | NTP | IARC | OSHA |
|---------------|-----------|-----|------|------|
| Sulfuric acid | 7664-93-9 |     | 1    |      |

### Numerical measures of toxicity

**ATE - Oral (mg/kg):** >2000  
**ATE - Dermal (mg/kg):** >2000  
**ATE - Inhalatory, gases (mg/l):** >20000  
**ATE - Inhalatory, mists (mg/l):** >5  
**ATE - Inhalatory, vapors (mg/l):** >20

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Mobility:** No information available.

**Other adverse effects** No information available.

### **13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D002 Corrosive Waste

**Contaminated Packaging:** Do not re-use empty containers.

### **14. TRANSPORT INFORMATION**

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

**DOT (Ground) Bill of Lading Description:** UN2796, SULFURIC ACID, 8, II

### **15. REGULATORY INFORMATION**

**International Inventories at CAS# Level**

|      |   |
|------|---|
| TSCA | All components are listed or otherwise exempt |
| DSL  | All components are listed or otherwise exempt |

**US RIGHT TO KNOW (RTK)**

| Ingredient(s) | CAS #     | MARTK: | NJRTK: | PARTK: | RIRTK: |
|---------------|-----------|--------|--------|--------|--------|
| Water         | 7732-18-5 | -      | -      | -      | -      |
| Sulfuric acid | 7664-93-9 | X      | X      | X      | X      |

**CERCLA/ SARA**

| Ingredient(s) | CAS #     | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------|-----------|----------|----------------------|-----------------------|-------------|
| Sulfuric acid | 7664-93-9 | 30 - 60% | 1000                 | 1000                  | X           |

**Canadian Regulations**

### **16. OTHER INFORMATION**

**NFPA (National Fire Protection Association)**

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3

Flammability 0

Instability 0

Special Hazards -

Revision: 2024-07-31

**Version:** 01.0

**Reason for revision:**

Not applicable

**Prepared by:**

North American Regulatory Affairs

**Additional advice:**

• Does not contain an added fragrance

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*