

**1. Product Identification****Product Code:** 6068**Product Description:** Sulfuric Acid, 0.02N**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

**2. Composition/Information On Ingredients**

<b>Hazard</b>	<b>CAS#/Name</b>	<b>%</b>	<b>PEL</b>	<b>TLV</b>
Yes	7664-93-9 Sulfuric Acid	0.1	1 mg/m <sup>3</sup> (TWA)	0.2 mg/m <sup>3</sup> (T) (TWA)
No	7732-18-5 Water	to 100%	None Established	None Established

**3. Hazards Overview****Primary Route Of Entry:** Skin Ingestion

May irritate eyes and skin.

**HMIS Hazard**

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

**Health:** 1      **Flammability:** 0      **Reactivity:** 0**Carcinogenicity:** None:**Other Health Related Comments:**

See Section 11, Toxicity

---

**Product Code:** 6068

**Product Description:** Sulfuric Acid, 0.02N

---

#### **4. First Aid Measures**

**Eye Contact:** Flush thoroughly with water for 15 minutes. Contact physician if irritation develops.

**Skin Contact:** Flush with water for 15 minutes while removing affected clothing/shoes. Wash skin with soap and water. Contact physician if irritation develops.

**Ingestion:** Do not induce vomiting. Drink large quantity of water or milk. Contact physician.

**Inhalation:** Remove to fresh air.

---

#### **5. Fire Fighting Measures**

**Flash Point (Method Used):** N/A

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Not a fire hazard

**Special Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazard:** N/A

---

#### **6. Accidental Release Measures**

Neutralize spill with sodium bicarbonate, scoop up slurry, and place into chemical waste container. Hold for disposal in accordance to federal, state, and local regulations. If permitted, flush to drain with excess water.

---

#### **7. Handling & Storage**

Store in cool, dry place.

---

---

**Product Code:** 6068

**Product Description:** Sulfuric Acid, 0.02N

---

## **8. Exposure Controls/Personal Protection**

### **Ventilation**

Normal

### **Protection When Handling**

Eye Protection Gloves Lab Coat

**Work/Hygenic Practices:** Avoid contact with eyes, skin and clothing. Wash hands after handling.

---

## **9. Physical & Chemical Properties**

**Appearance:** Clear Colorless Liquid

**Solubility In Water:** Soluble

**Odor:** None

**pH:** 2

**Vapor Density:** <1 (Air=1)

**Vapor Pressure:** <17 mm Hg @ 20 deg C

**Boiling Point:** ca. 100 deg C

**Melting Point:** N/A

---

## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** N/A

**Incompatibility (Materials To Avoid):** N/A

**Hazardous Decomposition Products:** N/A

---

## **11. Toxicological Information**

Oral rat LD50: 2140 mg/kg for sulfuric acid concentrated. May be irritating to skin, eyes, or respiratory system/gastrointestinal tract.

**Target Organs:** Skin

---

**Product Code:** 6068

**Product Description:** Sulfuric Acid, 0.02N

---

## **12. Ecological Information**

Information Not Yet Available

---

## **13. Disposal Considerations**

Add slowly to solution of sodium carbonate/calcium hydroxide. Pour this neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

---

## **14. Transportation Information**

Not Regulated For Transport

---

## **15. Regulatory Information**

### **Chemical Inventory Status**

<b>Hazard</b>	<b>Ingredient</b>	<b>USA</b>	<b>Europe</b>	<b>--- Canada ---</b>		<b>Australia</b>	<b>Japan</b>
		<b>TSCA</b>	<b>EC</b>	<b>DSL</b>	<b>NDSL</b>		
Yes	7664-93-9 Sulfuric Acid	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

### **Federal, State, & International Regulations**

<b>Ingredient</b>	<b>--- SARA 302 ---</b>		<b>----- SARA 313 -----</b>		<b>CERCLA</b>	<b>RCRA 261.33</b>	<b>TSCA 8(D)</b>
	<b>RQ</b>	<b>TPQ</b>	<b>Listed</b>	<b>Chemical Category</b>			
7664-93-9 Sulfuric Acid	1000	1000	Yes	No	1000	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

---

**Product Code:** 6068

**Product Description:** Sulfuric Acid, 0.02N

---

--- SARA 311/312 ---

----- Australia -----

**Hazard Categories**

<b>Ingredient</b>	<b>Acute</b>	<b>Chronic</b>	<b>Fire</b>	<b>Pressure</b>	<b>Reactivity</b>	<b>Hazchem Code</b>	<b>Poison Schedule</b>	<b>This MSDS Is WHMIS Compliant</b>
7664-93-9 Sulfuric Acid	Yes	Yes	No	No	Yes	2P	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
<b>product 6068 as a whole</b>	No	No	No	No	No	None Allocated	None Allocated	Yes

---

**16. Other Information**

Keep out of reach of children.

**Prepared By:** Regulatory Affairs Department

**Revised:** 12/12/2008

---