

SULFURIC ACID

GUARANTEED ANALYSIS:

Sulfur (S)31%
Derived from Sulfuric Acid

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

PROPERTIES:

Pounds per gallon at 68° F.....15.4 lbs.	Sulfur equivalent from sulfuric acid 31%
Gallons per ton 130 gal.	Crystallization temperature..... 98% @ 39° F
Percent Sulfuric Acid..... 93%	93% @ -16.6° F

EQUIPMENT FOR HANDLING:

Use hoses approved for sulfuric acid when transferring material. Field storage polyethylene tanks must have extra heavy walls and rated for over	15.4 pounds per gallon material. Mild steel or stainless steel tanks may also be used for storage. Sulfuric acid attacks many metals, releasing hydrogen.
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TRANSPORTATION:

Shipments must be shipped RQ, Sulfuric Acid, Class 8, UN1830, Packing Group II, Corrosive.

SAFETY:

Keep unauthorized personnel away from this product. Never add water to sulfuric acid. A exothermic reaction with splattering will occur.	An exception is that small amounts of sulfuric acid may be diluted with a large volume of water if not in an enclosed space. If under pressure, explosive hydrogen gas is present.
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PERSONAL PROTECTION:

Wear hardhat, face shield, rubber protective gloves, clothing and footwear when handling this material. Wear respiratory protection	when exposed to acid mist. Emergency safety shower and eye wash should be available.
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FIRST AID:

Skin contact causes severe irritation and burns. Do not get in eyes, on skin or clothing. In case of skin contact, remove affected clothing and flood with water, then cover skin with moist sodium bicarbonate (baking soda) or sterile neutralizing solution. Speed in removing	material from skin is of extreme importance. If acid is swallowed, do not induce vomiting. Give milk or white of eggs beaten with water or water to dilute the acid. In case of eye contact, immediately flush with plenty of water for at least 15 minutes. Get medical attention at once.
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VERDEGAAL BROTHERS, INC.

13555 S. 11th. Ave. / Hanford, CA 93230-9591
PH. (559) 582-9205 • FAX (559) 582-4274 • (888) 742-8728
Email: verdegaal@verdegaalbrothers.com
Webpage: www.verdegaalbrothers.com