



IDEAS TO GROW WITH®

PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

CUT-RATE

I. NAME

PRODUCT/TRADE NAME: CUT-RATE
EPA REGISTRATION #: (CA) 2935-50179 / (WA) 2935-6001
CHEMICAL NAME/Common Name:
Sulphine Acid/Sulfuric Acid
Ammonium Sulfate/Ammonium Sulfate

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes with water for a minimum of 15 minutes. If inhaled, remove to fresh air and administer CPR if necessary.

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Sulfuric Acid	7664-93-9	3 mg/m ³	3 mg/m ³
Ammonium Sulfate	7783-20-2	NE	NE

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA-approved respiratory protection for exposures above the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposure above 10 times the PEL/TLV.

PERSONAL PROTECTIVE EQUIPMENT: Work gloves, safety goggles or glasses with side shields and brow protection.

VENTILATION: Local ventilation.

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NA
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NE
% VOLATILES BY VOL.: NA
ODOR: Slight chemical
APPEARANCE: White granule
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Soluble

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers and watercourses. Evacuate people downwind from fire.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical: Sulfuric Acid

SARA 302: Yes No Chemical: Acrylamide >.1%

TPQ:

CERCLA: Yes No Chemical: Sulfuric Acid

RQ: 1000*

RCRA: Yes No

NFPA HAZARD RATING SCALE:

NFPA HAZARD RATING: 0 = Minimal 3 = Serious
1 = Slight 4 = Severe

Health: [0]

Fire: []

Reactivity: []

Special: [1]

HMIS CODE: [0]

Health: [0]

Fire: []

Reactivity: []

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type:

VI. REACTIVITY

Stable Unstable HAZARDOUS POLYMERIZATION
 May Occur Will Not Occur

AVOID: Oxidizers, bases, chlorates, nitrates, high temperatures

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, HCN, NH₃

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Sweep or vacuum into an approved disposal container.

DECONTAMINATION: Treat area with detergent and water.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Dispose of in accordance with Federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute Oral LD₅₀ (rat) for Sulfuric Acid 2140 mg/kg (SAX*). May cause considerable gastric upset. Do not ingest. Wash thoroughly before eating, drinking or smoking.

INHALATION: PEL/TLV for Sulfuric Acid 3 mg/m³. May be irritating to the respiratory tract. Wear proper respiratory protection for exposures encountered.

SKIN ABSORPTION: Can cause mild skin irritation. Wear proper personal protective equipment to reduce skin exposure.

EYE EXPOSURE: Keep out of eyes. May cause moderate irritation. If exposed, flush eyes with water for a minimum of 15 minutes. Wear proper eye protection to reduce exposure.

EFFECTS OF OVEREXPOSURE: Can cause moderate respiratory tract and eye irritation. Ingestion could cause corrosive deterioration of digestive system tissue. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

DATE PREPARED: December 16, 2005

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

