

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29CFR 1910.1200)

QUICK IDENTIFIER: COIL DOCTOR  
(Descaling Compound)

CAS #: 5329-14-6

## SECTION 1 - MANUFACTURER'S IDENTIFICATION

NAME: EQUIPMENT TRADE SERVICE COMPANY, INC.  
ADDRESS: 20 E. Winona Avenue 24HR. EMERGENCY #: CHEMTEL 800-255-3924  
CITY: Norwood STATE: Pa. ZIP: 19074 INFORMATION PHONE #: 610-583-7657  
DOT NAME AND HAZARDOUS CLASS: Corrosive solids, N.O.S. (Amidosulfonic acid),  
8, UN1759, PGII.

DATE PREPARED: 5/6/94

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

CHEMICAL/Common Name	OSHA PEL	ACGIH TLV	OTHER EXPO LIMITS	% (opt)	CAS #
Amidosulfonic Acid	1MG/M3				5329-14-6

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 760 MM/HG	SPECIFIC GRAVITY:(H2O = 1) 2.125	VAPOR PRESSURE:mm Hg Not volatile
VAPOR DENSITY:(Air = 1) Not volatile	SOLUBILITY IN WATER 17.7%by WT.@20 deg.C	REACTIVITY IN WATER none
APPEARANCE: White crystalline powder	ODOR: none	MELTING POINT: Not known

## SECTION 4 - FIRE & EXPLOSION DATA

FLASH POINT: None METHOD USED: N/A  
FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL (lower): N/A UEL(upper): N/A  
AUTO IGNITION TEMP:N/A EXTINGUISHER MEDIA: Foam, Dry chemical, CO2.  
SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA (self contained breathing apparatus) and full protective clothing. Water solution of this product are strongly acidic.  
UNUSUAL FIRE & EXPLOSION HAZARDS: May release sulfur trioxide and ammonia if involved in a fire.

## SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: UNSTABLE: \_\_\_\_\_ STABLE: X CONDITIONS TO AVOID:  
INCOMPATIBILITY (materials to avoid): Solutions of Chlorine, Hypochlorous Acid, Cyanides and Sulfides.  
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur Dioxide and Sulfur Trioxide  
HAZARDOUS POLYMERIZATION: MAY OCCUR: \_\_\_\_\_ WILL NOT OCCUR: X  
CONDITIONS TO AVOID: Decomposes with heat 209deg C/408 deg F. Will release Sulfur Dioxide & Sulfur Trioxide.

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SECTION 6 - HEALTH HAZARDS

**SIGNS & SYMPTOMS OF EXPOSURE:** Redness, irritant

**ACUTE:** Irritant, Corrosive                      **CHRONIC:** none expected

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

**CARCINOGENIC:** (yes or no) NO                      **NTP:** NO **IARC:** NO                      **OSHA:** NO

**EMERGENCY FIRST AID PROCEDURES:** Flush eyes & skin with fresh water for 15 minutes. If inhaled move to fresh air. If ingested do not induce vomiting. Drink a lot of water.                      **SEEK MEDICAL ATTENTION**

**ROUTES OF ENTRY:**

1. **INHALATION:** Mist or fog will irritate respiratory system.
2. **EYES:** Contact will irritate and may cause burns.
3. **SKIN:** Contact will irritate or cause redness.
4. **INGESTION:** If swallowed, will cause burns to mouth, throat & digestive system.

SECTION 7 - SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

**HANDLING & STORAGE PRECAUTIONS:** Keep container closed when not in Use. Do not mix with other chemicals. Avoid breathing vapors or mist. Do not store near open flames or heat. Do not store near incompatible materials.

**OTHER PRECAUTIONS:** Do not take internally. Transfer material only to approved, properly labeled containers. **KEEP OUT OF REACH OF CHILDREN.**

**STEPS TO BE TAKEN IN CASE OF SPILL:** (Use appropriate Safety Equipment) Sweep and contain. If in liquid solution use absorbent material to collect and contain for disposal. Contain large spills and pump into a suitable tank. Wash area and thoroughly rinse.

**WASTE DISPOSAL METHODS:** Obey all local, state & federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

**RESPIRATORY PROTECTION:** SCBA if poorly ventilated area.

**VENTILATION:** Normal

**LOCAL EXHAUST:** Recommended

**HECH:** None

**SPECIAL:** None

**OTHER:** None

**PROTECTIVE GLOVES:** Rubber or PVC    **EYE PROTECTION:** Chemical safety goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Rubber boots, water proof clothing.

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