

MATERIAL SAFETY DATA SHEET PRO-SEAL SULFAMIC ACID CLEANER (PS59)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION

Proflex Products, Inc. Phone: 877-577-6353

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

TRADE NAME: Sulfamic Acid Cleaner **SYNONYMS:** Amidosulfonic Acid **DOT SHIPPING NAME:** Sulfamic Acid **LABEL REQUIRED:** Corrosive
DOT/JUN ID NO.: UN 2967 **DOT CLASS:** 8 **PACKING GROUP:** III

SECTION 2: INFORMATION ON HAZARDOUS INGREDIENTS

MATERIAL	C.A.S. NO.	% BY WT.	PEL	TLV
Sulfamic Acid	5329-14-6 9	9.5% Min.	No Data	No Data

SECTION 3: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: Irritant to skin, nose and respiratory system. **POTENTIAL HEALTH EFFECTS:** May irritate skin and respiratory tract. Can cause eye injury **CARCINOGENICITY:** Not listed under OSHA, IARC or NTP.

SECTION 4: FIRST AID MEASURES

SKIN: In case of skin contact, flush with plenty of water for the contaminated areas and remove contaminated clothing.

EYE: In case of eye contact, immediately flush eye with plenty of water for at least 15 minutes and call a physician.

INGESTION: Do not induce vomiting. For ingestion of Sulfamic Acid, the patient should immediately drink a large amount of water and call a physician.

INHALATION: Get person to fresh air and drink a large quantity of water.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: Non Combustible.

FLAMMABLE LIMITS: Not Applicable.

EXTINGUISHING MEDIA: Foam.

UNUSUAL FIRE EXPLOSION HAZARD: None Known.

SPECIAL FIRE FIGHTING PROCEDURE: Do not use water since it forms solutions which are strongly acidic. Use self contained breathing apparatus. Decomposes above 209o C forming toxic fumes.

AUTO IGNITION TEMPERATURE: Not Applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7: HANDLING AND STORAGE

Keep containers closed when not in use. Protect containers from damage, abuse, and extreme temperatures. Keep all chemicals out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSHA/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

EYE PROTECTION: Use chemical goggles.

SKIN PROTECTION: Use rubber or neoprene gloves and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES: As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE GUIDELINES: None Established.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Applicable.

VAPOR PRESSURE (MM Hg): Not Applicable.

VAPOR DENSITY (AIR = 1): Not Applicable.

SPECIFIC GRAVITY (H₂O = 1): 1.25 g/cm³

BULK DENSITY: Not Applicable.

PERCENT VOLATILE BY VOLUME (%): Not Applicable.

MELTING POINT: 205o C (401o F).

EVAPORATION RATE (Butyl Acetate = 1): Not Applicable.

pH: 1% solution is 1.18 @ 25o C

SOLUBILITY IN WATER: 18% by Wt @ 20o C; 43% by Wt @ 70o C

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature and pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: At 260o C will produce sulfur trioxide, sulfur dioxide, nitrogen, ammonia, sulfuric acid.

KEEP AWAY FROM: Alkalies.

SECTION 11: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: LC50 (96 hr) Rainbow Trout: EC50 (48 hr) Daphnia Magna:

SECTION 12: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations. RCRA WASTE #: Not Listed.

SECTION 13: TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Sulfamic Acid

TECHNICAL SHIPPING NAME: Sulfamic Acid

DOT HAZARD CLASS: 8

UN/NA NUMBER: UN 2967

PACKING GROUP: III

PRODUCT RQ (lbs): Not Listed.

DOT LABEL: Sulfamic Acid, 8, UN 2967, III

DOT PLACARD: Corrosive

PRODUCT LABEL: Corrosive

SECTION 14: REGULATORY INFORMATION

This product is on the TSCA Inventory.

SARA TITLE III INFORMATION: Section 302 Extremely Hazardous Substance: Unlisted. Section 313 Toxic Chemicals: Unlisted. Section 311/312 Hazard Category: Immediate (acute) Health Hazard.

END OF SECTION
09/25/2010ed