

P/N 4594886

REVISION DATE 1/98

DrägerMATERIAL SAFETY DATA SHEETAir Current Tubes (CH25301)SECTION I

Manufacturer: Dräger Sicherheitstechnik GmbH
Supplier: Draeger Safety, Inc.
Address: 101 Technology Drive
Pittsburgh, PA 15275

Chemtrec Emergency Number: (800) 424-9300
Telephone Number for Information: (412) 787-8383
Fax Number: (412) 787-2207

SECTION II HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION:

HAZARDOUS COMPONENT: Oleum (fuming Sulfuric Acid) 65%
(0.55 grams)

CHEMICAL FORMULA: H_2SO_4/SO_3

CAS# 8014-95-7

EXPOSURE LIMITS (SULFURIC ACID):
1 mg/m³ OSHA PEL-TWA
1 mg/m³ ACGIH TLV-TWA
3mg/m³ ACGIH TLV-STEL
1 mg/m³ NIOSH REL-TWA

SECTION III - PHYSICAL/ CHEMICAL CHARACTERISTICS:

BOILING POINT: Not applicable
MELTING POINT: Not applicable
SPECIFIC GRAVITY ($H_2O=1$): Not applicable
EVAPORATION RATE (Butyl Acetate=1): Not applicable
SOLUBILITY IN WATER: Extremely hygroscopic
VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not applicable
APPEARANCE AND ODOR: Colorless to dark brown solid. Produces white mist giving the appearance of smoke.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Non-combustible

EXTINGUISHING AREA: Use an extinguisher which is appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Negligible fire hazard when exposed to heat or flame.

SECTION V - REACTIVITY DATA

STABILITY: Stable under ambient temperatures and pressures.

INCOMPATIBILITIES: Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur at ambient temperatures and pressures.