

# Safety Data Sheet

Revision: 04/28/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

## IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**PRODUCT NAME:**  
12-Selenotetraethyleneglycol Mono Octyl Ether

**PRODUCT CODE:**  
T908

### SUPPLIER:

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600

Please visit our website at for contact information on Anatrace product distributors within your area.

### Emergency Contact:

Chemtrec (800) 424-9300  
Outside USA & Canada (703) 527- 3887  
Chemtrec ID# 696910

## HAZARDS IDENTIFICATION

### GHS

Acute toxicity-Oral (Category 3)  
Acute toxicity-Inhalation (Category 3)  
Skin corrosion/irritation (Category 2)  
Eye damage/irritation (Category 2A)  
Specific organ toxicity-repeated Exposure (Category 2)  
Aquatic hazard-acute (Category 1)  
Aquatic hazard-long term (Category 1)

### LABEL ELEMENTS

#### **Hazard statements**

H319: Causes serious eye irritation  
H315: Causes skin irritation  
H301: Toxic if swallowed  
H331: Toxic if inhaled  
H400: Very toxic to aquatic life  
H410: Very toxic to aquatic life with long lasting effects  
H373: May cause damage to organs through prolonged or repeated exposure

#### **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P342+ P311 If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.  
P501 Dispose of contents/containers to an approved disposal plant.

### CHIP

Harmful

#### **R & S phrases**

R:36/37/38 Irritating to eyes, respiratory system and skin.  
S:22 Do not breathe dust.  
S:24 Avoid contact with skin.  
S:36/37 Wear suitable protective clothing and gloves

## COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARD

12-Selenotetraethyleneglycol Mono Octyl Ether

### CAS NO.

1423291-82-0

### EC NO:

NA

### %WT

~100%

### SYNONYMS

NA

## FIRST-AID MEASURES

### IN CASE OF CONTACT:

IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

### IF INHALED:

REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

### IF SWALLOWED:

WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

## FIRE-FIGHTING INFORMATION

### EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

### SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

### UNUSUAL FIRE AND EXPLOSIONS HAZARDS:

THIS MATERIAL, LIKE MOST MATERIALS IN POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

**ACCIDENTAL RELEASE MEASURES**

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**HANDLING AND STORAGE**

SEE "PERSONAL PROTECTION" SECTION.

**PERSONAL PROTECTION**

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING. SAFETY SHOWER AND EYE BATH. USE ONLY IN A CHEMICAL FUME HOOD. DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE. WASH THOROUGHLY AFTER HANDLING. KEEP TIGHTLY CLOSED.

**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Solid  
Vapor Pressure: No data available  
Solubility (Water): Slightly soluble  
Percent Volatile: No data available  
Chemical Formula: C<sub>16</sub>H<sub>34</sub>O<sub>4</sub>Se

Boiling Point: No data available  
Vapor Density: No data available  
Specific Gravity: No data available  
Evaporation Rate: No data available  
Melting Point: No data available

**STABILITY AND REACTIVITY**

STABILITY:

STABLE.

INCOMPATIBILITIES:

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE NITROGEN OXIDES SELENIUM/SELENIUM OXIDES

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR.

**TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS:

TOXIC IF INHALED OR SWALLOWED.

MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. CAUSES EYE AND SKIN IRRITATION.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

EXPOSURE CAN CAUSE: GASTROINTESTINAL DISTURBANCES, NAUSEA, DIZZINESS AND HEADACHE

CHRONIC EFFECTS:

OVEREXPOSURE MAY CAUSE REPRODUCTIVE DISORDER(S)

CHRONIC CONTACT WITH SELENIUM COMPOUNDS MAY CAUSE GARLIC ODOR OF BREATH AND SWEAT, DERMATITIS, AND MODERATE EMOTIONAL INSTABILITY.

TARGET ORGAN(S): EYES; LIVER; KIDNEYS; BLOOD; SPLEEN; NERVES

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

**ECOLOGICAL INFORMATION**

DATA NOT YET AVAILABLE

**DISPOSAL CONSIDERATIONS**

BURY IN A LANDFILL SITE APPROVED FOR THE DISPOSAL OF CHEMICAL AND HAZARDOUS WASTES. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

**TRANSPORTATION INFORMATION**

OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

**REGULATORY INFORMATION**

OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

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