

# Safety Data Sheet

Revision: 02/06/2014

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:**  
ANAPOE<sup>7</sup>-X-100

**PRODUCT CODE:**  
APX100

### 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 4)  
Eye Irritation (Category 2A)  
Acute Aquatic Toxicity (Category 2)  
Chronic Aquatic Toxicity (Category 2)

### LABEL ELEMENTS

#### **Hazard statements**

H302: Harmful if swallowed  
H319: Causes serious eye irritation  
H411: Toxic to aquatic life with long lasting effects

#### **Precautionary statements**

P264: Wash skin thoroughly after handling  
P270: Do not eat, drink, or smoke when using this product.  
P273: Avoid release into the environment  
P280: Wear protective gloves/ eye protection/ face protection  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P330 Rinse mouth.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P391 Collect spillage  
P501 Dispose of contents/containers to an approved disposal plant.

### CHIP

Harmful

### **R & S phrases**

R:36/38 Irritating to eyes and skin.  
S:24 Avoid contact with skin.  
S:36/37 Wear suitable protective clothing and gloves

## COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARD**  
ANAPOE<sup>7</sup>-X-100

**CAS NO.**  
9002-93-1

**EC NO:**  
618-344-0

**%WT**  
~100%

### SYNONYMS

TRITON X-100  
 $\alpha$ -[4-(1,1,3,3-Tetramethylbutyl)phenyl]-w-hydroxy-poly(oxy-1,2-ethanediyl)

## FIRST-AID MEASURES

### IN CASE OF EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

### IN CASE OF SKIN CONTACT:

IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

### 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**

FLASHPOINT: &gt;230

**EXTINGUISHING MEDIA**

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM  
FOAM AND WATER SPRAY ARE EFFECTIVE BUT MAY CAUSE FROTHING.**SPECIAL FIREFIGHTING PROCEDURES**WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT  
WITH SKIN AND EYES.**UNUSUAL FIRE AND EXPLOSIONS HAZARDS**

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

**ACCIDENTAL RELEASE  
MEASURES**WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.  
COVER WITH DRY LIME OR SODA ASH, PICK UP, KEEP IN A CLOSED CONTAINER AND HOLD FOR WASTE  
DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.**HANDLING AND STORAGE**MECHANICAL EXHAUST REQUIRED.  
AVOID CONTACT AND INHALATION.  
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.  
WASH THOROUGHLY AFTER HANDLING.  
SEVERE EYE IRRITANT.  
HARMFUL LIQUID.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.**LABEL PRECAUTIONARY STATEMENTS**IRRITANT.  
HARMFUL IF SWALLOWED.  
RISK OF SERIOUS DAMAGE TO EYES.  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF  
WATER AND SEEK MEDICAL ADVICE.  
WEAR SUITABLE PROTECTIVE CLOTHING.  
DO NOT BREATHE VAPOR.**PERSONAL PROTECTION**CHEMICAL SAFETY GOGGLES.  
RUBBER GLOVES.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
SAFETY SHOWER AND EYE BATH.**PHYSICAL AND CHEMICAL  
PROPERTIES**

Appearance: Viscous, Colorless Liquid	Boiling Point: No data available
Vapor Pressure: <1 MM @ 20 C	Vapor Density: >1
Solubility (Water): Soluble	Specific Gravity: 1.070
Percent Volatile: No data available	Evaporation Rate: No data available
Chemical Formula: t-Oct-C <sub>8</sub> H <sub>4</sub> -(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>x</sub> OH, x = 9-10	
Melting Point: No data available	

**STABILITY AND REACTIVITY****INCOMPATIBILITIES:**STRONG OXIDIZING AGENTS  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS**TOXIC FUMES OF:**

CARBON MONOXIDE, CARBON DIOXIDE

**TOXOLOGICAL  
INFORMATION**RTECS NO: MD0907700  
GLYCOLS, POLYETHYLENE, MONO(P-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL) ETHER**IRRITATION DATA**SKN-HMN 2 MG/3D-I MLD 85DKA8 -,127,77  
EYE-RBT 1 MG MOD PSTGAW 20,16,53**TOXICITY DATA**ORL-RAT LD50:1800 MG/KG PSTGAW 20,16,53  
IVN-MUS LD50:1200 MG/KG BCFAAI 101,173,62**TARGET ORGAN DATA**

MATERNAL EFFECTS (OVARIES, FALLOPIAN TUBES)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS)  
DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE  
INFORMATION.**ECOLOGICAL INFORMATION**

OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

**DISPOSAL CONSIDERATIONS**DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR  
EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.  
OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.**TRANSPORTATION  
INFORMATION**

OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

**REGULATORY INFORMATION**

REVIEWS, STANDARDS, AND REGULATIONS

NOHS 1974: HZD A1896; NIS 33; TNF 4670; NOS 52; TNE 24863

NOES 1983: HZD X7316; NIS 95; TNF 15151; NOS 103; TNE 232961; TFE 97685

EPA TSCA CHEMICAL INVENTORY, JUNE 1990

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, MARCH 1992

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.