Safety Data Sheet
Revision: 04/23/2014

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: PLURONIC F127
PRODUCT CODE: P305

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

Emergency Contact:
Chemtrec (800) 424-9300
Outside USA & Canada (703) 527-3887

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

HAZARDS IDENTIFICATION

GHS

Not a hazardous substance or mixture.

LABEL ELEMENTS

Hazard statements NA

Precautionary statements
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
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

R & S phrases
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

CAS NO. EC NO. %WT
Oxirane, Methyl-, polymer 9003-11-6 NA ~100%
Phenol, 2,6-BIS (1,1-Dimet) TLV <0.1% 128-37-0 NA

SYNONYMS

Polyoxyethylene-polyoxypropylene
Block Copolymer

FIRST-AID MEASURES

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

Eyes: Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Notes to Physicians:
None known.

FIRE-FIGHTING INFORMATION

Typical Low/High Deg. Method
Flash Point LL: 485F CLEVELAND OPEN CUP
Autoignition: NOT AVAILABLE
Extinguishing Media:
Use water fog, foam, CO2 or dry chemical extinguishing media.

Fire Fighting Procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unusual Hazards:
There are no known unusual fire or explosion hazards.

ACCIDENTAL RELEASE MEASURES

General: Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA (Superfund).

Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean-up.

HANDLING AND STORAGE

General: Store in a cool, dry place. Keep containers closed when not in use.
PERSONAL PROTECTION

Clothing: Gloves, coveralls, apron, boots as necessary to minimize contact.

Eyes: Chemical Goggles

Respiration: If dusts are generated, wear an approved dust respirator.

Ventilation: Use local exhaust to control dusts.

Explosion Proofing: None required.

PHYSICAL AND CHEMICAL PROPERTIES

Color: White to off-white

Form/Appearance: Prill

Odor: Polyol

Odor Intensity: Mild

Specific Gravity: NOT AVAILABLE

Viscosity: 145 POISE @ 60

pH: 6 - 7.4 - SU

pH method: 2.5%(AQUEOUS SOLUTION)

Boiling Pt: NOT AVAILABLE

Freezing Pt: -56 C / ATMOSPHERES

Decomp. Temp: NOT AVAILABLE

Solubility in Water Description: Soluble

Solubility: 10 PERCENT 20C

Other Physical properties: SPECIFIC GRAVITY AT 60 C = 1.07

STABILITY AND REACTIVITY

Stability Data: Stable

Incompatibility: No data available.

Conditions/Hazards to Avoid: None known.

Hazardous Decomposition/Polymerization

Hazardous decomposition products: None known.

Polymerization: Will not occur.

Corrosive Properties: Not corrosive.

Oxidizer Properties: Not an oxidizer

TOXOLOGICAL INFORMATION

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Toxicology Test Data:

Rabbit, Eye Irritation (unrinsed) 0.00 DRAIZE: MAX=110 Non-irritating (20% aq. gel)

Rabbit, Dermal LD50 - > 2 G/KG Practically Nontoxic

Rabbit, Eye Irritation (unrinsed) 13 DRAIZE; MAX=110 Minimally Irritating

Rabbit, Primary Skin Irritation 0.6 DRAIZE: MAX=8 Slightly irritating

Rat, Oral LD50 - 15 G/KG Practically Nontoxic

Rabbit, Corneal Anesthetic Activity - NEGATIVE No Corneal Anesthetic Activity

Rabbit, Assay for Pyrogenic Substances - NEGATIVE Pyrogen free; temp rise <1.4 deg C

Ames Salmonella Assay (Plate with S-9) - NEGATIVE Not mutagenic in 5 strains tested

Rabbit, dermal LD50 - > 5 G/KG Practically Nontoxic

Rat, Oral LD50 - > 10 6/KG Slightly Toxic/Practically Nontoxic

Ames Salmonella Assay (Direct Plate) - NEGATIVE Not mutagenic in 5 strains tested

Dog, Absorption through Open Wounds - No access to systemic circulation

Dog, Urinary Excretion Study - Slowly excreted, mostly in urine

Mouse intravenous LOSO - 2.25 G/KG Slightly Toxic/Practically Nontoxic

Rabbit, Eye Irritation (unrinsed) - (26% GEL) DRAIZE: MAX=110 Nonirritating

Rabbit, Primary Skin Irritation - (26% GEL) 0.5 DRAIZE: MAX=8 Minimally Irritating

Acute Overexposure Effects:

Diarrhea and weakness. Inhalation overexposure is not anticipated at normal use temperatures. There are no other known acute effects associated with this material.

Chronic Overexposure Effects:

There are no known chronic effects associated with this material.

ECOLOGICAL INFORMATION

Environmental Toxicity Test Data:

Daphnid, Static 48 hr EC50 - > 1010 MG/L Insignificant Hazard

Acute Algal Toxicity, 72 hr. EC/LC50 - > 970 MG/L Insignificant Hazard

Rainbow Trout, Flow-through 96 hr LC50 - > 99 MG/L Practically Nontoxic

DISPOSAL CONSIDERATIONS

Waste Disposal: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal: Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.
Observe all Federal, State, and Local laws.

REGULATORY INFORMATION

TSCA Inventory Status
Listed on Inventory: YES
RCRA Haz. Waste: No
CERCLA: NO
Reportable Qty.: (If YES)

State Regulatory Information: (By Component)
CAS: 9003-11-6
NAME: OXIRANE, METHYL-, POLYMER
Hazard Ratings: Health: Fire: Reactivity: Special:
NF 1 1 0 NA

This product is not hazardous according to the OSHA Hazard Communication Standard.

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.