

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**1.1 Product Identifier:**

**Trade Name** TRIstat Stabil  
**INCI Name** Phenethyl Alcohol (and) Caprylyl Glycol

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

**Product Use:** Active ingredient in cosmetic and personal care applications

**1.3 Details of the Supplier of the Safety Data Sheet:**

**Manufacturer:** TRI-K INDUSTRIES, INC.  
2 Stewart Court  
Denville, NJ 07834  
**Information Phone Number:** +1 (973) 298-8850  
**E-mail** info@tri-k.com

**1.4 Emergency Telephone Number:**

**Emergency Spill Information** +1 (973) 298-8850 (TRI-K Industries, Inc.)  
+1 (800) 222-1222 (National Poison Control Center)

**24-HOUR EMERGENCY  
TELEPHONE NUMBER**

**CHEMTREC +1 (800) 424-9300 or +1 (703) 527-3887**

**SDS Date of Preparation:** August 4, 2015

**SDS Date of Revision:** December 16, 2019

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

**Classification according to Regulation (EC) No 1272/2008 [CLP]:**

Hazard classification and indication: Eye Irrit. 2; H319

**Classification according to Directive 1999/45/EC [DPD]:**

Danger Symbols:

Xi

R phrases:

36

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.



**2.2 Label Elements:** Labeling according to Regulation (EC) No 1272/2008 [CLP]

**Signal words:** Warning

**Hazard Statement:**

H319 Causes serious eye irritation

**Precautionary Statement:**

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice / attention.

**2.3 Other Hazards:** None

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP Classification (EC) No 1272/2008	%
Phenethyl Alcohol	60-12-8	200-456-2	Xi R36	Eye Irrit. 2 H319	58
Caprylyl Glycol	1117-86-8	214-254-7	Xi R36	Not classified as hazardous	42

**Additional information:** For full text of H-statements and R-phrases: see SECTION 16

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of First Aid Measures:**

**Eye Contact:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

**Skin Contact:** Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

**Inhalation:** Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

**Ingestion:** Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorized by a doctor.

**4.2 Most important symptoms and effects, both acute and delayed:**

For symptoms and effects caused by the contained substances, see chap. 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Information not available.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media:

#### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

#### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

### 5.2 Special Hazards Arising from the Substance or Mixture:

**Unusual Fire and Explosion Hazards:** None known

**Hazardous Decomposition Products:** None known

### 5.3 Advice for Fire-Fighters:

#### Special Fire Fighting Procedures:

##### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2 Environmental Precautions:

Non-hazardous but avoid direct releases to the environment

### 6.3 Methods and Material for Containment and Cleaning Up:

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4 Reference to Other Sections:

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store only in the original container. Store the containers sealed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3 Specific end use(s): Information not available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

Chemical Name	8.1.1 Occupational Exposure Limits:	8.1.2 Additional exposure limits under the conditions of use:	8.1.3 DNEL/DMEL and PNEC-Values:
Phenethyl Alcohol	No limits established	Not Available	Not Available
Caprylyl Glycol	No limits established	Not Available	Not Available

**8.2 Exposure Controls:** As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

**8.2.1 Appropriate Engineering Controls:** Provide an emergency shower with face and eye wash station.

### 8.2.2 Individual protection measures, such as personal protective equipment:

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

### **SKIN PROTECTION**

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

### **EYE PROTECTION**

Wear airtight protective goggles (see standard EN 166).

### **RESPIRATORY PROTECTION**

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

**8.2.3 Environmental Exposure Controls:** Non-hazardous but avoid direct releases to the environment

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic Physical and Chemical Properties:**

<b>Appearance:</b> Clear, colorless liquid	<b>Vapor Pressure:</b> Not determined
<b>Odor:</b> Aromatic	<b>Vapor Density:</b> Not determined
<b>Odor Threshold:</b> No data available	<b>Relative Density :</b> 0,981 Kg/l
<b>pH:</b> 5	<b>Water Solubility:</b> Not Applicable
<b>Melting Point / freezing point:</b> Not determined	<b>Partition coefficient: n-octanol/water:</b> Not Available
<b>Boiling Point:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point (COC):</b> > 60°C	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> Not Applicable	<b>Viscosity (cP)</b> 34 mPa•s
<b>Flammability (solid, gas):</b> Not Applicable	<b>Explosion Properties:</b> None
<b>Upper/lower flammability or explosive limits:</b> Not Applicable	<b>Oxidizing Properties:</b> None

### **9.2 Other Information:**

None

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

Not reactive under normal conditions of use

### 10.2 Chemical Stability:

The product is stable in normal conditions of use and storage.

### 10.3 Possibility of Hazardous Reactions:

No hazardous reactions are foreseeable in normal conditions of use and storage.

### 10.4 Conditions to Avoid:

None in particular. However the usual precautions used for chemical products should be respected

### 10.5 Incompatible Materials:

Strong oxidant agents, reducing agents.

### 10.6 Hazardous Decomposition Products:

Carbon oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on Toxicological Effects:** In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

**Acute effects:** stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Vapor inhalation may moderately irritate the upper respiratory tract. Contact with skin may cause slight irritation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Octane-1,2-diol

Acute oral toxicity (rat) LD50 = 2200 mg/kg

Acute dermal toxicity (rabbit) LD50 > 5000 mg/kg

Acute inhalation toxicity Not available

Skin irritation (rabbit) Not irritating

Eye irritation (rabbit) Irritating

Sensitization (guinea pig) Not sensitizing

Chronical toxicity No carcinogenic, mutagenic or teratogenic effect known

2-phenylethanol

Acute oral toxicity (rat) LD50 > 2000 mg/kg

Acute dermal toxicity (guinea pig) LD50 > 5 g/kg

Acute inhalation toxicity (rat) LC50 > 500 mg/m<sup>3</sup>

Subchronic oral toxicity Not available

Skin irritation (rabbit) Slightly irritating

Eye irritation (rabbit) Irritating

Sensitization (guinea pig) Not sensitizing

Chronical toxicity No carcinogenic, mutagenic or teratogenic effect known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Octane-1,2-diol

LC50 - for Fish. > 2,2 mg/l/96h Brachydanio rerio

EC50 - for Crustacea. 176 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants. 35 mg/l/72h Pseudokirchneriella subcapitata

Chronic NOEC for Algae / Aquatic Plants. 15 mg/l Pseudokirchneriella subcapitata

2-phenylethanol

LC50 - for Fish. 220 mg/l/96h Leuciscus idus

EC50 - for Crustacea. 287 mg/l/48h Daphnia magna

### 12.2 Persistence and Degradability:

Chronic NOEC for Algae / Aquatic Plants. 15 mg/l Pseudokirchneriella subcapitata

2-phenylethanol

LC50 - for Fish. 220 mg/l/96h Leuciscus idus

EC50 - for Crustacea. 287 mg/l/48h Daphnia magna

### 12.3 Bio accumulative Potential:

Chronic NOEC for Algae / Aquatic Plants. 15 mg/l Pseudokirchneriella subcapitata

2-phenylethanol

LC50 - for Fish. 220 mg/l/96h Leuciscus idus

EC50 - for Crustacea. 287 mg/l/48h Daphnia magna

### 12.4 Mobility in Soil:

Information not available.

### 12.5 Results of PBT and vPvB Assessment:

This Product does not contain PBT or a vPvB greater than 0.1%.

### 12.6 Other Adverse Effects:

None known

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways.

#### CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**SECTION 14: TRANSPORT INFORMATION**

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>14.1</b> UN Number				
<b>14.2</b> UN Proper Shipping Name	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3</b> Transport Hazard Class(s)				
<b>14.4</b> Packing Group				
<b>14.5</b> Environmental Hazards	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.6</b> Special Precautions for user	None	None	None	None
<b>14.7</b> Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable	Not applicable

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:**

<b>EU EINECS/ELINCS/NLP:</b>	Listed
<b>Canada DSL/NDL:</b>	Listed
<b>US TSCA</b>	Listed
<b>Korea KECI:</b>	Listed
<b>China IECSC:</b>	Listed
<b>Japan ENCS:</b>	Listed
<b>Philippine PICCS:</b>	Listed
<b>Australia AICS:</b>	Listed

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this mixture by the supplier.



## SECTION 16: OTHER INFORMATION

### 16.1 Indication of Changes

Version 1 created on December 30, 2016

Version 2 created on June 23, 2017

Version 3 created on December 16, 2019 – Section 9.0, 15.0, 16.0 update

### 16.2 List of Relevant R- phrases (number and full text):

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Eye Irrit. 2 Eye irritation, category 2 H319 Causes serious eye irritation. Text of risk (R) phrases mentioned in section 2-3 of the sheet:

R36 IRRITATING TO EYES

### 16.3 Legal Disclaimer

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