

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

**1.1 Product Identifier:**

**Trade Name** TRIspire Vitalize  
**INCI Name** Panthenyl Hydroxypropyl Steardimonium Chloride

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

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

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

Eye irritation: Category 2A

**Classification according to The Hazard Communication Standard (HCS) (29 CFR 1910.1200)**



**Signal Word: Warning**

**2.2 Label Elements:**

**Hazard Statement(s)**

**H319** Causes serious eye irritation

**Response and Precautionary Statement(s)**

**P264** Wash skin thoroughly after handling.

**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#	CLP Classification (EC) No 1272/2008	%
Water	7732-18-5	231-791-2	Not classified as hazardous	~ 60
Panthenyl Hydroxypropyl Steardimonium Chloride	132467-76-6	428-640-1	<b>Warning H319</b>	40

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures:

**Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Skin Contact:** If symptoms persist, call a physician

**Inhalation:** If product vapors cause respiratory irritation or distress, move the exposed person to fresh air immediately. If symptoms persist, call a physician.

**Ingestion:** If symptoms persist, call a physician.

### 4.2 Most Important symptoms and effects, both acute and delayed:

The most important symptoms are labelled in Section 2.2

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media:

Dry chemical, CO<sub>2</sub>, foam, halon, water spray (fog)

### 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:**

Self-contained breathing apparatus with full-face piece and protective clothing. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Ensure adequate ventilation. Use mask for eye/face protection.

**6.2 Environmental Precautions:**

Non-hazardous but avoid direct releases to the environment

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

Use absorbent material to collect and contain for salvage or disposal. For dry, avoid dusting when collected.

**6.4 Reference to Other Sections:**

Refer to Section 8 for protective equipment and Section 13 for disposal considerations

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for Safe Handling:**

Keep working place well ventilated; no special precautions are needed under normal use conditions

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

Because TRISpire Vitalize may stratify below 25°C, it must be warmed and mixed until uniform before sampling and using.

**7.3 Specific end use(s):** Active ingredient in cosmetic and personal care applications

**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:
Water	No limits established	Not Available	Not Available
Panthenyl Hydroxypropyl Steardimonium Chloride	No limits established	Not Available	Not Available

## 8.2 Exposure Controls:

**8.2.1 Appropriate Engineering Controls:** General mechanical ventilation is acceptable

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

**Eye/face protection:** Chemical goggles with side splash protection recommended

**Hand Protection:** Oil resistant gloves, heat-resistant rubber gloves

**Body Protection:** None required under normal conditions of use

**Respiratory Protection:** None required under normal conditions of use

**Thermal Hazards:** None required under normal conditions of use

**Other:** An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

**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 to slightly stratified viscous liquid	<b>Vapor Pressure:</b> Not applicable
<b>Odour:</b> Not applicable	<b>Vapor Density:</b> Not applicable
<b>Odour Threshold:</b> No data available	<b>Specific Gravity:</b> Not determined
<b>pH (5% Aqueous):</b> 5.0 – 7.5	<b>Water Solubility:</b> Complete
<b>Melting Point / freezing point:</b> Not determined	<b>Partition coefficient: n-octanol/water:</b> Not Available
<b>Boiling Point:</b> Not determined	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point (COC):</b> > 200°F	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> Not Applicable	<b>Viscosity (cP):</b> Not determined
<b>Flammability (solid, gas):</b> Not determined	<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:**

No known hazardous reactions

**10.3 Possibility of Hazardous Reactions:**

None known

**10.4 Conditions to Avoid:**

Gross bacterial contamination

**10.5 Incompatible Materials:**

Strong oxidizing and reducing agents

**10.6 Hazardous Decomposition Products:**

Burning can produce smoke, CO, CO<sub>2</sub>, ammonia and other products of incomplete combustion

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Effects:**

**Acute toxicity:** LD<sub>50</sub> (Rat) > 2g/kg based on testing of a similar material

**Irritation:** Irritating to eyes.

**Corrosivity:** This is not a corrosive product.

**Sensitization:** This product is not expected to cause sensitization.

**Repeated dose toxicity:** No data available

**Carcinogenicity:** None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

**Mutagenicity:** This product is not expected to present a germ cell mutagenicity hazard.

**Toxicity for reproduction:** Not expected to affect reproduction or development.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity:** No ecotoxicity data available

**Acute (short-term) toxicity:** N/A

**Fish:** N/A

**Crustacea:** N/A

**Algae/aquatic plants:** N/A

**Other organisms:** N/A

**Chronic (long-term) toxicity:** N/A

**Fish:** N/A

**12.2 Persistence and Degradability:**

This product is biodegradable

**12.3 Bioaccumulative Potential:**

Not expected to be bio-accumulative in aquatic organisms

**12.4 Mobility in Soil:**

Since the product is completely soluble in water, it is expected to be highly mobile in soil.

**12.5 Results of PBT and vPvB Assessment:**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other Adverse Effects:**

None known

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

Dispose in accordance with local and federal environmental regulations

**SECTION 14: TRANSPORT INFORMATION**

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>14.1 UN Number</b>	None	None	None	None
<b>14.2 UN Proper Shipping Name</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3 Transport Hazard Class(s)</b>	None	None	None	None
<b>14.4 Packing Group</b>	None	None	None	None
<b>14.5 Environmental Hazards</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.6 Special Precautions for user</b>	None	None	None	None
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	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/NDSL:</b>	Not Listed
<b>US TSCA</b>	Not Applicable
<b>Korea KECI:</b>	Not Listed
<b>China IECSC/IECIC:</b>	Listed
<b>Japan ENCS:</b>	Not Listed
<b>Philippine PICCS:</b>	Listed
<b>Australia AICS:</b>	Not Listed
<b>New Zealand NZIoC:</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**

12/23/2013: All sections revised to proper format in compliance with Regulation (EC) 1907/2006 (REACH).

02/16/2017: Section 8 & 15 were revised

02/04/2019: Section 11 was revised

07/24/2019: Revisions were made to Section 1, Section 2, Section 3, Section 4, Section 11 and Section 15

02/12/2020: Section 2.0, 11.0 & 15.0 revision as per CLP classification.

03/08/2022: All sections are up-to-date

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

Not applicable

**16.3 Legal Disclaimer**

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