

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

**1.1 Product Identifier:**

**Trade Name** Fision Hydrate  
**INCI Name** Water (and) Sodium PCA (and) Wheat Amino Acids (and) Panthenol (and) Glycerin (and) Sodium Hyaluronate (and) Hydroxyproline

**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:** December 3, 2015

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

**GHS Classification (EC No. 1272/2000):**

The substance does not meet the criteria for a hazardous substance

**EU Classification (Directive 1999/45/EC):**

The substance does not meet the criteria for dangerous substances

## 2.2 Label Elements:

Not applicable

Hazard Phrases: Not applicable

Precautionary Phrases: Not applicable

## 2.3 Other Hazards: None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC)	GHS Classification Regulation (EC) No 1272/2008	%
Water	7732-18-5	231-791-2	Not classified as dangerous	Not classified as hazardous	> 50 %
Sodium PCA	28874-51-3	249-277-1	Not classified as dangerous	Not classified as hazardous	5 – 10 %
Wheat Amino Acids	65072-01-7	N/A	Not classified as dangerous	Not classified as hazardous	5 – 10 %
Panthenol	81-13-0	201-327-3	Not classified as dangerous	Not classified as hazardous	1 – 5 %
Glycerin	56-81-5	200-289-5	Not classified as dangerous	Not classified as hazardous	1 – 5 %
Sodium Hyaluronate	9067-32-7	232-678-0	Not classified as dangerous	Not classified as hazardous	< 1 %
Hydroxyproline	51-35-4	200-091-9	Not classified as dangerous	Not classified as hazardous	< 1 %

See Section 16 for further information on EU and GHS Classification.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures:

**Eye Contact:** Flush with water; seek medical advice if discomfort persists.

**Skin Contact:** Wash material off skin with soap and water.

**Inhalation:** Not applicable, avoid breathing liquid or aerosols of material.

**Ingestion:** Drink water; seek medical attention.

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

May cause mild eye irritation. Swallowing may cause mild nausea or abdominal discomfort.

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

No immediate medical treatment normally needed.

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 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:** Burning can produce smoke, carbon monoxide, and carbon dioxide .

**5.3 Special Protective Actions for Fire-Fighters:**

**Special Fire Fighting Procedures:** Exercise caution when fighting any chemical fire. Use NOISH approved self-contained breathing apparatus with a full face piece and protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Ensure adequate ventilation. Wear appropriate protective clothing and equipment (i.e. – splash proof goggles and rubber/plastic gloves).

**6.2 Environmental Precautions:**

Non-hazardous but avoid direct releases to the environment

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

Pick up with absorbent material and collect for disposal. Follow all Local, State and Federal regulations.

**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:

Avoid bacterial contamination. Keep working place well ventilated; no special precautions are needed under normal use conditions

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

Store at room temperature in tightly sealed containers. Avoid bacterial contamination. Avoid temperatures above 40°C as this may affect the efficacy of the product. Avoid exposure to sunlight for prolonged periods.

### 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	Exposure Limits
Water, Sodium PCA, Wheat Amino Acids, Panthenol, Glycerin, Sodium Hyaluronate, Hydroxyproline	None Established

### 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:** Not required under usual conditions of use. However, if exposure potential exists, refer to NIOSH Criteria Guides to determine proper equipment.

**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, slightly viscous liquid	<b>Vapor Density:</b> Not determined
<b>Odor:</b> Characteristic	<b>Specific Gravity:</b> 1.045-1.065
<b>Odor Threshold:</b> Not determined	<b>Water Solubility:</b> Complete
<b>pH:</b> 4.5-6.5	<b>Octanol/Water Partition Coefficient:</b> Not determined
<b>Melting Point:</b> Not applicable	<b>Auto-ignition Temperature:</b> Not determined
<b>Boiling Point:</b>	<b>Decomposition Temperature:</b> Not determined
<b>Flash Point (COC):</b> Not applicable	<b>Viscosity (cP):</b> Not determined
<b>Evaporation Rate:</b> Not determined	<b>Explosion Properties:</b> Not applicable
<b>Flammable Limits:</b> Not determined	<b>Oxidizing Properties:</b> Not applicable
<b>Vapor Pressure:</b> Not determined	<b>% Volatile:</b> Not determined

**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:**

Excessive heat, Gross bacterial contamination

**10.5 Incompatible Materials:**

N/A

**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:

**Eye Contact:** May cause discomfort.

**Skin Contact:** No adverse effects expected.

**Inhalation:** Not applicable.

**Ingestion:** Excessive ingestion may cause mild nausea or abdominal discomfort.

#### Acute Toxicity Values:

**Products:** No toxicity data available.

**Irritation:** No data available. Based on nature of the material, it is not expected to cause significant irritation.

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

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

**Repeat Dose Toxicity:** No data available

**Carcinogen Status:** No data available. None of the components are listed a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

**Germ Cell Mutagenicity:** Not determined, however, 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.

### 12.2 Persistence and Degradability:

Not available.

### 12.3 Bioaccumulative Potential:

Not available.

### 12.4 Mobility in Soil:

Not determined.

### 12.5 Results of PBT and vPvB Assessment:

Not required.

### 12.6 Other Adverse Effects:

None known.

**SECTION 13: DISPOSAL INFORMATION**

**13.1 Waste Treatment Methods:**

Dispose in accordance with local and federal environmental regulations

**SECTION 14: TRANSPORT INFORMATION**

	US DOT	EU ADR/RID	IMDG
<b>14.1 UN Number</b>	Not regulated	Not regulated	Not Regulated
<b>14.2 UN Proper Shipping Name</b>			
<b>14.3 Transport Hazard Class(es)</b>			
<b>14.4 Packing Group</b>			
<b>14.5 Environmental Hazards</b>	Not Applicable	Not applicable	Not applicable
<b>14.6 Special Precautions for Use</b>	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

**SECTION 15: REGULATORY INFORMATION**

**REGULATION (EC) No 1005/2009- Substances that deplete the ozone:**

This product does not contain any chemicals subject to EC 1005/2009

**REGULATION (EC) No 850/2004 - Persistent organic pollutants:**

This product does not contain any chemicals regulated under EC 850/2004

**REGULATION (EC) No 689/2008 – Concerning the export and import of dangerous chemicals:**

This product does not contain any chemicals regulated under EC 689/2008

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

**Australian AICS:** Listed, Australian Inventory of Chemical Substances, June 1996 Ed

**New Zealand (NZIoC):** Listed, New Zealand Inventory of Chemicals, 2006

**Philippine PICCS:** No data for CAS No. 9067-32-7

**China IECSC:** Listed

**China IECIC (6.30.2014):** Listed, Approved in China as a cosmetic ingredient

**Korea KECI:** No data for CAS No. 9067-32-7, 65072-01-7, and 51-35-4

**Taiwan NECI:** Listed

**Japan ENCS:** No data for CAS No. 9067-32-7 and 65072-01-7

**EU EINECS/ELINCS/NLP:** No data for CAS No. 9067-32-7 and 65072-01-7

**Canadian DSL:**

**United States TSCA:** No data for CAS No. 9067-32-7, and 65072-01-7

**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**

3/2/2015: Creation of GHS and CLP SDS in compliance with Regulation (EC) 1907/2006 (REACH).

7/20/2015: Updated Section 3

12/3/2015: Updated China IECIC status

8/22/2016: Updated Section 15.1 and EINECS #.

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

Not applicable

**16.3 Legal Disclaimer**

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