

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

1.1 Product Identifier:

Trade Name Fision® Hydrate Pro
INCI Name Water (and) Sodium PCA (and) Panthenol (and) Glycerin (and) Sodium Hyaluronate (and) L-Proline (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: May 10, 2016

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:
The substance does not meet the criteria for a hazardous substance

Classification according to Directive 1999/45/EC [DPD]:
The substance does not meet the criteria for dangerous substances

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

Signal Words: None
Hazard Statement(s): None

Response and Precautionary Statement(s) None

Signal Words: None

Hazard Statement(s): None

Response and Precautionary Statement(s) None

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	%
Water	7732-18-5	231-791-2	Not classified as dangerous	Not classified as hazardous	> 50 %
Sodium PCA	28874-51-3	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	N/A	Not classified as dangerous	Not classified as hazardous	< 1 %
L-Proline	147-85-3	205-702-2	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, CO₂, 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	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, Sodium PCA, Panthenol, Glycerin, Sodium Hyaluronate, L-Proline, Hydroxyproline	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: 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:

Appearance: Clear	Vapor Density: Not determined
Odor: Characteristic	Specific Gravity: 1.045 – 1.065
Odor Threshold: Not determined	Water Solubility: Complete
pH: 5.5 – 8.5	Octanol/Water Partition Coefficient: Not determined
Melting Point: Not applicable	Auto-ignition Temperature: Not determined
Boiling Point:	Decomposition Temperature: Not determined
Flash Point (COC): Not applicable	Viscosity (cP): Not determined
Evaporation Rate: Not determined	Explosion Properties: Not applicable
Flammable Limits: Not determined	Oxidizing Properties: Not applicable
Vapor Pressure: Not determined	% Volatile: 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, CO₂, 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 land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN Number	None	None	None	None
14.2 UN Proper Shipping Name	Not regulated	Not regulated	Not regulated	Not regulated

14.3 Transport Hazard Class(s)	None	None	None	None
14.4 Packing Group	None	None	None	None
14.5 Environmental Hazards	Not applicable	Not applicable	Not applicable	Not applicable
14.6 Special Precautions for user	None	None	None	None
14.7 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

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:	Listed, Approved in China as a cosmetic ingredient
Korea KECI:	No data for CAS No. 9067-32-7, 147-85-3 and 51-35-4
Taiwan NECI:	Listed
Japan ENCS:	No data for CAS No. 9067-32-7
EU EINECS/ELINCS/NLP:	No data for CAS No. 9067-32-7
Canadian DSL/nDSL or ICL:	No data for CAS No. 28874-51-3
United States TSCA:	No data for CAS No. 9067-32-7, and 28874-51-3

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

2/26/16: Creation of GHS and CLP SDS in compliance with Regulation (EC) 1907/2006 (REACH).
05/10/2016: Update of SDS format.
07/21/2016: Update product's trade name
7/12/2022: 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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