

## 1. IDENTIFICATION OF THE PRODUCT/COMPANY UNDERTAKING

### 1.1 Product Identifiers

Product Name	HYRATING THERAPY GEL
Description	Skin hydrating gel

### 1.2 Relevant Identified Uses/Uses Advised Against

Uses Advised Against	See chapter 16 for a general overview
----------------------	---------------------------------------

### 1.3 Details of the Supplier of the Safety Data Sheet

#### Manufacturer

Company	Fer Kozmetik İlaç Gıda Sanayi ve Tic. Ltd. Şti
Address	Zümrütevler Mah. Memleket sok. No:8/3 Maltepe / İstanbul
Telephone	0216 376 0 2 12
Web Address	<a href="http://www.ferkozmetik.com">www.ferkozmetik.com</a>

### 1.4 Person Responsible for Safety Data Sheet

Name	Fikret Dinç
Title	General Manager
Telephone	0212 477 00 11
E-mail Address	<a href="mailto:dincfikret@hotmail.com">dincfikret@hotmail.com</a>

### 1.5 Emergency Telephone Numbers

Company Emergency	0212 477 00 11
-------------------	----------------

NEW ESSENTIALS  
HYRATING THERAPY  
GEL

NEWESSENTIALS  
EXCLUSIVE

SDS No: 157024

Version: 01

Date of Issue: 20.05.2019

Revision Date: First Issue

According To Regulation (EC) No  
1907/2006 (REACH), Annex II -  
1272/2008 CLP; 453/2010

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the Substance or Mixture

#### 2.1.1 Product Definition

Liquid mixture

#### 2.1.2 Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

This substance is not classified as dangerous according to the EC Regulations 1272/2008/EC

**NOTE:** See Section 11 for more detailed information on health effects and symptoms.  
For full text of Hazard- statements see Section 16.

### 2.2 Label Elements

#### 2.2.1 Labelling according Regulation (EC) No 1272/2008 as amended)

Not applicable

#### 2.2.2 Hazard Statements

Not applicable

### 2.3 Other Hazards


No additional hazards are known except those derived from the labeling.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixture

Viscous liquid

### 3.2 Hazardous Ingredients

INGREDIENT	INCI NAME	IDENTIFIERS	%	CLASSIFICATION CLP
Glycerol	Glycerin	EINECS NO <sup>1</sup> : 200-289-5 CAS NO <sup>2</sup> : 56-81-5 RTECS NO: -	≤5	This substance is not classified as dangerous according to the EC Regulations 67/548/EEC and 1272/2008
Dexpanthenol	Panthenol	EINECS NO: 201-327-3 CAS NO: 81-13-0 RTECS NO: -	≤5	This substance is not classified as dangerous according to the EC Regulations 67/548/EEC and 1272/2008
Propane-1,2-diol	Propylene Glycol	EINECS NO: 57-55-6 CAS NO: 57-55-6 RTECS NO: -	≤5	This substance is not classified as dangerous according to the EC Regulations 67/548/EEC and 1272/2008
2-phenoxyethanol	Phenoxyethanol	EINECS NO: 204-589-7 CAS NO: 122-99-6 RTECS NO: -	≤1	 "WARNING" Acute Oral tox. Cat.4 (H302) Eye Irri. Cat.2. (H319)
Water	Aqua 70445-33-9	EINECS NO :231-791-2 CAS NO: 7732-18-5 RTECS NO:-	≤80	This substance is not classified as dangerous according to the EC Regulations 67/548/EEC and 1272/2008

**NOTE :** Any impurities required to be classified or that affect the classification of the product: None See Section 16 for the full text of the R phrases or H statements declared above.  
This mixture contains following ingredients ;  
Aloe barbadensis leaf juice[CAS# 85507-69-3], Echinacea purpurea extract[CAS#90028-20-9], Chamomilla recutita

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

flower extract[CAS#84082-60-0], Calendula officinalis flower extract [CAS#84776-23-8], Centella asiatica extract[CAS#84696-21-9 ],Melissa officinalis leaf extract[CAS#84082-61-1], Hamamelis virginiana leaf extract[CAS#84696-19-5], Tilia cordata flower extract[CAS#84929-52-2], Allantoin[CAS#97-59-6], Triethanolamine[CAS#102-71-6], Ethylhexylglycerin [CAS# 50-21-5], Hyaluronic acid[CAS#9004-61-9], Tocopheryl acetate[CAS#7695-91-2], Polysorbate 20[CAS#9005-64-5], Parfum

## 4. FIRST AID MEASURES

### 4.1 Description of First Aid Measures

#### 4.1.1 General Advice

Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
All cases of eye contamination, persistent skin irritation and casualties who have swallowed this substance or been affected by breathing its vapor/mist should be seen by a doctor.



<b>Following Inhalation</b>	Remove from contaminated area, lay patient down, keep warm and rested. Obtain medical attention
<b>Following Skin Contact</b>	Rinse the affected area with soap and water. Get medical attention if irritation develops.
<b>Following Eye Contact</b>	Wash out immediately under fresh running water for 5-10 minutes. Remove any contact lenses and continue rinsing. Seek medical attention in case of irritation.
<b>Following Ingestion</b>	If swallowed do NOT induce vomiting. Never give anything to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth and obtain medical attention.
<b>Self-protection of the first aider</b>	Thoroughly observe the patient and treat symptomatically. See Section 11 for symptoms.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
<b>Inhalation</b>	No adverse effects are to be expected if inhaled.
<b>Ingestion</b>	It is not a possible way of exposure. If swallowed may cause adverse effects. Nausea, vomiting, and diarrhea may also be seen.
<b>Skin Contact</b>	Adverse effects are expected; people who are sensitive to chemicals should be cautious when using the product and contain substances that can cause sensitization on the skin.
<b>Eye Contact</b>	May cause serious eye irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Take appropriate measures for surrounding combustible materials.

### 5.2 Special hazards arising from the substance or mixture

Upon burning, Carbon oxides, Nitrogen oxides (NOx) toxic and irritating fumes may be produced.

### 5.3 Advice for firefighters

Wear breathing apparatus, protective gloves and eye protection.  
Employ protective equipment commonly used in the event of fire.  
Avoid inhalation of fumes from residue.

### 5.4 Further information

Alert Fire Brigade and tell them location and nature of hazard.  
Use water spray to cool unopened containers.  
Water used to extinguish fire should not enter drainage systems, soil, or stretches of water.  
Ensure there are sufficient retaining facilities for water used to extinguish fire.  
Contaminated fire-extinguishing water must be disposed of in accordance with the regulations issued by the appropriate local authorities.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation; do not breathe vapors/mist.  
Avoid breathing vapors. Ensure adequate ventilation.  
Wear protective clothing, gloves, and safety glasses.  
(See section 8).

### 6.2 Environmental precautions

Try to prevent the material from entering drains or water courses.  
Spillages or uncontrolled discharges into watercourses must be alerted immediately to the Environmental Agency or other appropriate regulatory body.

### 6.3 Methods and materials for containment and cleaning up

Isolate hazarded area; keep unnecessary and unprotected personnel from entering.  
Stop the leak if it can be done without risk.  
Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container for waste disposal.  
Dispose of waste material according to local, state and federal regulations. (See Section 13.)

## 7. HANDLING AND STORAGE

### 7.1 Precautions For Safe Handling

Ensure adequate ventilation; avoid inhalation of vapors/fumes  
Wear protective clothing when risk of exposure occurs, avoid eye and skin contact.  
Do not eat, drink, or smoke in areas where the material is used.  
Wash thoroughly after handling the material.  
Remove contaminated clothing and protective equipment before entering eating areas.

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

## 7.2 Conditions For Safe Storage Including Any Incompatibilities

Store only in the original container in a cool, dry, well-ventilated area.  
Observe manufacturer's storing and handling recommendations. Store locked up.  
Observe the national and local regulations concerning handling and storage.

## 7.3 Specific end use(s)

See the technical data sheet on this product for further information.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Occupational Exposure Limits :**

**Propylene Glycol[CAS#57-55-6]:**

TWA<sup>3</sup>: 150 ppm, 470 mg/m<sup>3</sup> (Total (vapour and particulates) <sup>4</sup>

· TWA: 10 mg/m<sup>3</sup> (Particulates) <sup>5</sup>

### 8.2 Exposure Controls

Handle in accordance with good industrial hygiene and safety practice, wash hands before breaks and at the end of workday. If release of the substance cannot be prevented, then it should be suctioned off at the point of exit. Ensure adequate ventilation, do not breathe vapors/mist, and Consider emission limit values. Label containers clearly, do not leave container open. The substance must not be present at workplaces in quantities above that required for work to be progressed. Wash thoroughly after using product, wash hands before eating or drinking. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### 8.3 Personal Protective Equipment

#### 8.3.1 Respiratory Protection



Personal protection is not normally required. Avoid breathing vapors or aerosols, however. In case of emergency, conditions like insufficient ventilation or unintentional release of the substance, wear respirators with A-P<sup>6</sup> combined filter (Color code: Brown-white) complying with EN143.<sup>7</sup>

#### 8.3.2 Eye/Face Protection



Not necessary under conditions of normal use. During manufacture, when working with hot product wear heat resistant gloves complying with EN 374.<sup>8</sup>

#### 8.3.3 Hand Protection



Not necessary under conditions of normal use. Wear nitrile rubber/nitrile latex, butyl rubber/butyl, protective gloves complying with EN 374.<sup>9</sup>

#### 8.3.4 Body Protection



Not necessary under conditions of normal use. During manufacture, wear complete suit protecting against chemicals, flame retardant antistatic protective clothing complying with EN 340<sup>10</sup>

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical State (@ STP)	Viscousgel
Color	Colorless
Odour	Odourless
pH	5-6
Density (kg/l)	1,005-1,025
Solubility in water	No data available
Partition coefficient n-Octanol/Water (log Po/w)	Not determined.

**NOTE :** The above features were determined according to prescribed methods at the Classification, Packaging and Labeling of Hazardous Substances Regulation or a method comparable to the above mentioned methods or taken from the literature.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No special measures known.

### 10.2 Chemical Stability

Product is considered stable under the recommended usage and storage conditions.

### 10.3 Possibility of hazardous reactions

Dangerous reactions are not expected; Store away from oxidizing materials.

### 10.4 Conditions to Avoid

Heat, extremes of temperature.

### 10.5 Incompatible Materials

Oxidizing materials,

### 10.6 Hazardous Decomposition Products

Upon burning, Carbon oxides, Nitrogen oxides (NOx) toxic and irritating fume may be produced.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

During normal use primary route of exposure is by skin contact. The information given in this section does not belong to the product itself but derived from the toxicity data of its ingredients.

### 11.2 Acute Toxicity

#### **Glycerin [CAS# 56-81-5]:**

LD50 Oral: 12600 mg/kg (Sıçan)<sup>11</sup>

LD50 Oral: 10000 mg/kg (Tavşan)<sup>12</sup>

#### **Dexpanthenol [CAS# 81-13-0]:**

LD50 Oral: - 15,000 mg/kg mg/kg bw mg/kg (Mouse)

Skin corrosion/irritation Rabbit(DexpanthenolMild skin irritation - 4 h

Serious eye damage/eye irritation Eyes - Rabbit(Dexpanthenol) Mild eye irritation

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

## **Propylene Glycol [CAS# 57-55-6]:**

LD50 Oral: 20.000 mg/kg Rat

LD50 Dermal: 20.800 mg/kg Rabbit

LD50 Intramuscular: 14 g/kg Rat

LD50 Intravenous: 26 g/kg Dog

LD50 Intraperitoneal: 6.660 mg/kg Rat

LD50 Subcutaneous: 22.500 mg/kg Rat

LD50 Intravenous: 6.423 mg/kg Rat

LD50 Intraperitoneal: 9.718 mg/kg Mouse Remarks: Lungs, Thorax, or Respiration: Chronic pulmonary edema. Kidney, Ureter, Bladder:

Changes in both tubules and glomeruli. Blood: Changes in spleen.

LD50 Subcutaneous : 17.370 mg/kg Remarks: Behavioral Mouse:

Change in motor activity (specific assay). Behavioral: Muscle contraction or spasticity. Cyanosis

LD50 Intravenous - Mouse - 6.630 mg/kg

LD50 Intravenous - Rabbit - 6.500 mg/kg

Skin corrosion/irritation Skin - Rabbit

Result: No skin irritation - 4 h (OECD Test Guideline 404)

### **11.3 Corrosion/ Irritation**

**Eyes:** Not classified

**Skin:** Not classified

### **11.4 CMR Effects (Carcinogenicity, Mutagenicity and Reproductive Toxicity)**

Sensitization No adverse effects known.

Carcinogenicity This product does not contain any component which is identified as carcinogen by NTP,<sup>13</sup> IARC<sup>14</sup> or OSHA<sup>15</sup>.

Mutagenicity No adverse effects known.

Fertility, Reproductive and Developmental Toxicity(Teratogenicity) No adverse effects known.

### **11.5 Effectson Repeated Dose Chronic Exposures**

Effects on Repeated Doses Chronic Exposures No adverse effects known.

STOT Single Exposure No adverse effects known.

STOT Repeated Exposure No adverse effects known.

## **12. ECOLOGICAL INFORMATION**

The information given in this section does not belong to the product itself but derived from the eco-toxicity data of its ingredients.

### **12.1 Toxicity**

#### **Acute Toxicity**

##### **Propylene Glycol[57-55-6]:**

· Acute Fish Toxicity (LC50, 96 Hours): 39800 mg/l (median)<sup>16</sup>

# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

· Acute Aquatic Crustaceans Toxicity (LC50, 48 Hours): 5120 mg/l<sup>17</sup>

## 12.2 Persistence and Degradability

Glycerin [CAS# 56-81-5]: Not persistent;  
Henry's Law constant of 1.73X10<sup>-8</sup> atm-cu m/mole  
Propylene Glycol[57-55-6]: Not persistent;

## 12.3 Bioaccumulative Potential

Glycerin [CAS# 56-81-5]: Not bioaccumulative  
Propylene Glycol[57-55-6]: Not bioaccumulative

## 12.4 Mobility in Soil

Glycerin [CAS# 56-81-5]: have very high mobility based upon an estimated Koc of 1

## 12.5 Results of PBT and vPvB assessment

The substance is not PBT / vPvB.

## 12.6 Additional information

The product does not contain any ingredient with potential for photochemically ozone production.  
See the Sections 6, 7, 13, 14 and 15.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Product

It should be noted that contamination may occur during use and it is the responsibility of the user to assess an appropriate disposal method in this situation.  
Consult your Local Waste Regulatory Authority if in any doubt.  
Offer surplus and non-recyclable product to a licensed disposal company.  
Do not allow wash water from cleaning or process equipment to enter drains.  
It may be necessary to collect all wash water for treatment before disposal.  
The final classification has to be done together with the local waste disposal company/authority.

### 13.2 Contaminated Packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### 14.1 UN Number (ADR/RID)

Not classified as dangerous in the meaning of transport regulations

### 14.2 UN Proper Shipping Name

Not applicable

### 14.3 Transport Hazard Class(es)

Not applicable

### 14.4 Packing Group

No data available

### 14.5 Environmental Hazards

No data available

### 14.6 Special Precautions For User

Not applicable



# SAFETY DATA SHEET

According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010

SDS No: 1570024  
Date of Issue: 20.05.2019

Version: 01  
Revision Date: First Issue

## 14.7 Transport In Bulk According to Annex II of Marpol and the IBC Code

No data available

## 15. REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific For the Substance or Mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### 15.1.1 Chemical Safety Assessment

A chemical safety assessment has not been carried out.

## 16. OTHER INFORMATION

### 16.1 Recommended uses and restrictions

The product is used as cosmetic product, restrictions not available.

### 16.2 Revision Date, Version and SDS no

This safety datasheet, dated May 20, 2019 is the first issue and complies with the requirements of Regulation (EC) No: 1907/2006 (REACH), Annex II - 1272/2008 CLP; 453/2010

### 16.3 Reason of re-issue

First Issue

### 16.4 Full text of H -Statements referred to under section 3

<b>H302</b>	Harmful if swallowed.
<b>H319</b>	Causes serious eye irritation.

### 16.5 Legal disclaimer

The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.

The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.

<sup>1</sup> EINECS: European Inventory of Existing Commercial Chemical Substances.

<sup>2</sup> CAS: Chemical Abstracts Service.

<sup>3</sup> TWA (Time Weighted Average): Occupational Exposure Limit Value (8-hour reference period)

<sup>4</sup> Ref: 2010 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001 (S.I. No.619 of 2001)

<sup>5</sup> Ref: 2010 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001 (S.I. No.619 of 2001)

<sup>6</sup> Type A Filter: Filter for organic vapors and solvents / P2 Filter: Filter for toxic particles and for particles with MAK value greater than 0,1 mg/m<sup>3</sup>

<sup>7</sup> EN143: European respiratory protection standard. Respiratory protective devices -Particle filters - Requirements, testing and marking

<sup>8</sup> EN 374: European standard for gloves giving protection from chemicals and micro-organisms.

# ***SAFETY DATA SHEET***

*According To Regulation (EC) No 1907/2006 (REACH), Annex II - 1272/2008 CLP;  
453/2010*

*SDS No: 1570024  
Date of Issue: 20.05.2019*

*Version: 01  
Revision Date: First Issue*

---

<sup>9</sup> EN 374: European standard for gloves giving protection from chemicals and micro-organisms.

<sup>10</sup> EN340: European standard for protective clothing: General requirements

<sup>11</sup> Ref: Federation Proceedings, Federation of American Societies for Experimental Biology. Vol. 4, Pg. 142, 1945.

<sup>12</sup> Ref: BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets. Vol. 9-4/1970.

<sup>13</sup> NTP: National Toxicology Program

<sup>14</sup> IARC: The International Agency for Research on Cancer

<sup>15</sup> OSHA: Occupational Safety and Health Association

<sup>16</sup> Ref: Cornell, J.S., D.A. Pillard, and M.T. Hernandez 2000. Comparative Measures of the Toxicity of Component Chemicals in Aircraft Deicing Fluid. Environ.Toxicol.Chem. 19(6):1465-1472; Mayer, F.L.Jr., and M.R. Ellersieck 1986. Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals. Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC :505 p. (USGS Data File)

<sup>17</sup> Ref: Cornell, J.S., D.A. Pillard, and M.T. Hernandez 2000. Comparative Measures of the Toxicity of Component Chemicals in Aircraft Deicing Fluid. Environ.Toxicol.Chem. 19(6):1465-1472