

## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### Product identifier:

Identification as on the label/Trade name: GHOSTMEDICA Ethanol Gel

Unique Product Code: 26

### Relevant identification uses of the substance and uses advised against:

Identified uses: Hand sanitizer.

Uses advised against: No other uses are advised.

### Details of the supplier of the Safety Data Sheet:

#### **US address:**

Professional Hair Labs  
3795 Correia Drive  
Zephyrhills, Florida 33542  
+1-800-778-4247

#### **EU address:**

Professional Hair Labs  
Scientific Cosmetix Office and Business Park  
Whitemill Industrial Estate  
Wexford Town, Wexford  
Ireland Y35 X27W  
+353-53-91-78582

### Emergency telephone numbers:

Emergency Contact:

Professional Hair Labs USA: +1-800-778-4247 (USA)

Professional Hair Labs Ireland: +353-53-91-78582 (Ireland)

## Section 2: Hazards Identification

### Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

### **Hazard classes/Hazard categories:**

Flammable Liquid (Category 2)

Skin Sensitizer (Category 1B)

### Label elements:

Hazard pictograms:



**Signal word:** Danger.

**Hazard statements:**

H225 Highly flammable liquid and vapor.

H317 May cause an allergic skin reaction.

EUH208 Contains Matricaria recutita, ext. May produce an allergic reaction.

**Precautionary statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

P333 + P317 If skin irritation or rash occurs: Get medical help.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P403 + P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local regulations.

**Other hazards:** Refer to Section 3.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture:** Mixture.

**Ingredients:**

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
ethanol ethyl alcohol	64-17-5	60-70%	-	Flam. Liq. 2 H225
	200-578-6			
Matricaria recutita, ext.	84082-60-0	<1%	-	Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411
	282-006-5			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4: First-Aid Measures

**Description of first aid measures:**

**Eyes:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove contact lenses if possible. Obtain medical attention.

**Skin:** Wash skin with water. Obtain medical attention if soreness or redness persists.

**Ingestion:** Do not induce vomiting. Obtain medical attention if symptoms appear or if large quantities have been ingested. Accidental ingestion at a level high enough to be dangerous to health is unlikely.

**Inhalation:** Remove from exposure, taking care to avoid inhaling vapors. Keep warm rest. Obtain medical attention if symptoms appear.

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

May cause an allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

## Section 5: Fire-Fighting Measures

### Extinguisher media:

**Extinguishing medium:** Dry chemical, alcohol resistant foam or carbon dioxide, water spray.

**Special exposure hazards:** Flammable liquid and vapor. Oxides of carbon.

**Protection for fire-fighters:** Self-contained breathing apparatus with full-face mask and full protective clothing (standard wear).

**Additional information:** Be aware of possibility of re-ignition. This product gives off flammable vapors which may form explosive mixtures with air. Vapors with a source of ignition can create a flash fire, not a UVCE (Unconfined Vapor Cloud Explosion). Run off to sewer may cause fire or explosion hazard. Containers may explode in heat of fire. Use water to cool fire-exposed containers and to disperse vapor.

## Section 6: Accidental Release Measures

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

Eliminate all sources of ignition. Wear appropriate protective clothing. Avoid breathing vapors. Keep unnecessary people away; isolate hazard area and deny entry. Consider need for evacuation. Stay up wind and keep out of low areas where vapor may accumulate and ignite. Stop leak if this can be achieved without risk. For small spills take up with a non-combustible absorbent. For large spills, dike or dam for later disposal.

**Environmental precautions:** Try to prevent the material from entering drains or water courses. Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

### Methods for containment and cleaning up:

**Small spills:** Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material then transfer into suitable containers for recovery or disposal. Ventilate contaminated area thoroughly.

**Large spills:** Dike or dam to contain for later disposal. Contact emergency authorities.

## Section 7: Handling and Storage

### Precautions for safe handling:

Store in tightly closed containers in cool, dry, isolated, well-ventilated area. Avoid inhaling vapor. Avoid contact with eyes, skin and clothing. Suitable equipment for dealing with fires, spills and leaks must be readily available. Earth all equipment. Use explosion protected electrical equipment and lighting. Do not smoke eat or drink in areas of use and storage. Use closed-system transfers wherever possible. Earth (ground) lines and equipment used during transfer to reduce possibility of static spark-initiated fire or explosion.

### Conditions for safe storage, including incompatibilities:

Storage area should be cool, dry, well ventilated, out of direct sunlight and separated from oxidants and strong mineral acids. Store in original containers. Store away from sources of heat or ignition. Storage tanks should have equipotential electrical bonding and be earthed. Storage should be closed. Incompatible materials: natural rubber, PVC, methyl-methacrylate plastics, polyamides, zinc, brass, aluminum under certain conditions. Compatible materials: Stainless steel, titanium, cast bronze, cast iron, carbon steel, polypropylene, neoprene, nylon, viton, ceramic, carbon, glass.

**Specific end uses:** Use only as directed.

## Section 8: Exposure Controls and Personal Protection

### Control parameters:

**Occupational exposure limits:** No data available.

### Exposure controls:

**Appropriate engineering controls:** No data available.

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

**Respiratory protection:** Use with adequate ventilation. In case of insufficient local exhaust ventilation and/or handling with open equipment: Respiratory air fed breathing apparatus if there is a risk of exposure to high vapor concentrations. If using a half mask: organic vapor cartridge Ax type.

**Eye protection:** Safety goggles.

**Skin protection:** Wear gloves with breakthrough times >480 minutes: Nitrile rubber gloves. Butyl rubber gloves (complying to EN 374-3). The exact choice of glove type depends on the type of work being undertaken. Gloves should be chosen in consultation with a glove manufacturer and after a full assessment of the working conditions. Gloves should be replaced regularly.

**Body protection:** Standard work wear and safety boots for normal handling and use.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties:

**Appearance (form):** Liquid.

**Color:** Colorless.

**Odor:** Alcohol.

**Odor threshold:** No data available.

**pH (concentration):** No data available.

**Melting point/range (°C):** -114 °C

**Boiling point/range (°C):** 78 °C

**Flash point (°C):** ~ 21 °C

**Evaporation rate:** No data available.

**Flammability (solid, gas):** Highly flammable liquid and vapor.

**Upper/lower flammability/explosive limits:** No data available.

**Vapor pressure:** 57 hPa @ 20 °C

**Vapor density:** No data available.

**Relative density (25 °C):** ~ 0.78

**Water solubility (g/L) at 20 °C:** Soluble.

**n-Octanol/Water partition coefficient:** No data available.

**Auto-ignition temperature:** 362 °C

**Viscosity, dynamic (mPa s):** No data available.

## Section 10: Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Stability:** Stable under recommended conditions of storage.

**Possibility of hazardous reactions:** Hazardous polymerization is not expected to occur.

**Conditions to avoid:** High temperatures. Proximity to sources of ignition.

**Materials to avoid:** None known.

**Hazardous decomposition products:** Stable under normal conditions. Combustion will generate oxides of carbon.

## Section 11: Toxicological Information

### Information on toxicological effects:

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No data available.

**Serious eye damage/irritation:** No data available.

**Respiratory or skin sensitization:** May cause an allergic skin reaction.

**Germ cell mutagenicity:** No data available.

**Carcinogenicity:** Not data available.

**Reproductive toxicity:** No data available.

**STOT-single exposure:** No data available.

**STOT-repeated exposure:** No data available.

**Aspiration hazard:** No data available.

## Section 12: Ecological Information

**Toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Results of PBT& vPvB assessment:** No data available.

**Other adverse effects:** No data available.

## Section 13: Disposal Considerations

**Product disposal:** Dispose of in accordance with all applicable local and national regulations. Use recovery/recycling where feasible, otherwise incineration is the recommended method of disposal. If correctly incinerated this material will decompose to carbon dioxide and water only.

**Container disposal:** Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

## Section 14: Transport Information

**UN number:** 1170

**UN proper shipping name:** ETHANOL SOLUTION

**Transport hazard class:** Class 3

**Packing group:** II

## Section 15: Regulatory Information

### EU regulations:

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**  
Not listed.

**Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**  
Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**  
Not listed.

### Authorisations:

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**  
Not listed.

### Restrictions on use:

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use**  
Not regulated.

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**  
Not listed.

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**  
Not regulated.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding.**  
Not regulated.

### Other EU regulations:

**Directive 2012/18/EU on major accident hazards involving dangerous substances**  
Not listed.

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.**  
Always applicable.

**Directive 94/33/EC on the protection of young people at work**

Not listed.

**Other regulations:** The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

**National regulations:** Follow national regulation for work with chemical agents.

**Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**Section 16: Other Information**

**Indication of changes:** GHS aligned.

**Relevant classification and H statements (number and full text):**

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

**Training instructions:** Use as instructed.

**Further information:** This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to readers:** Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.