



## SAFETY DATA SHEET HAND CLEANING GEL

Commission Regulation (EU) No 2015/830 of 28 May 2015.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name HAND CLEANING GEL –

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Hand cleaner.

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

Supplier SANFORD FOODS GIDA ÜRNLERİ TİC.VE LTD ŞTİ.  
GAZİ BUL. ARAN İŞ MERKEZİ NO: 93  
K: 2 D: 23-24  
ÇANKAYA, İZMİR 35280 – TÜRKİYE  
+90 232 445 73 35

Contact person Martin E. Sanford

#### 1.4. Emergency telephone number

Emergency telephone FACTORY: +90 – 232 856 90 11

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Not Classified

Environmental hazards Not Classified

#### 2.2. Label elements

##### Pictogram



Signal word Warning

Hazard statements H226 Flammable liquid and vapour.

Precautionary statements P102 Keep out of reach of children.

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

No smoking

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### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

<b>ethanol</b> CAS number: 64-17-5	EC number: 200-578-6	70-90 %
<b>Classification</b> Flam. Liq. 2 - H225		

The full text for all hazard statements is displayed in Section 16.

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

<b>General information</b>	Not considered to be a significant hazard due to the small quantities used.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin contact</b>	Rinse with water.
<b>Eye contact</b>	Rinse with water. Get medical attention if any discomfort continues.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fireextinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water, if avoidable.

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

<b>Specific hazards</b>	In case of fire: Toxic gases or vapours.
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### 5.3. Advice for firefighters

#### **Protective actions during firefighting**

Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk

#### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

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

#### **Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated.

### 6.2. Environmental precautions

#### **Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

#### **Methods for cleaning up**

Eliminate all ignition sources if safe to do so. Absorb small quantities with paper towels and evaporate in a safe place.

### 6.4. Reference to other sections

#### **Reference to other sections**

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

#### **Usage precautions**

Read and follow manufacturer's recommendations. Keep away from food, drink and animal feeding stuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### **Advice on general occupational hygiene**

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Storage precautions**

Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Protect from sunlight.

#### **Storage class**

Flammable liquid storage.

### 7.3. Specific end use(s)

#### **Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure Controls/personal protection**

### 8.1. Control parameters

#### Occupational exposure limits

##### **Ethanol**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

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### 8.2. Exposure controls

Protective equipment



**Appropriate engineering Controls**

Provide adequate ventilation.

**Eye/face protection**

Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection**

No specific hand protection recommended.

**Other skin and body Protection**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Hygiene measures**

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**Respiratory protection**

No specific requirements are anticipated under normal conditions of use.

**Environmental exposure controls**

Avoid release to the environment.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Gel.
Colour	Colourless.
Odour	Perfume.
pH	5.5-6
Melting point	Not applicable.
Flash point	< 60 °C
Relative density	Not applicable.
Solubility(ies)	Completely soluble in water.
Viscosity	2000-3000 cP @ 20°C

### 9.2. Other information

Other information No information required.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous Reactions Not relevant.

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### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition Products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity – oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

#### Respiratory sensitisation

**Respiratory sensitization** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitization** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

#### **Mutagenicity**

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity – fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

#### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

**Inhalation** No specific symptoms known.

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**Ingestion** May cause discomfort if swallowed.

**Eye contact** May cause eye irritation.

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is readily biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

#### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the Local Waste Disposal Authority. Do not reuse empty containers.

### SECTION 14: Transport information

**General** For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

#### 14.1. UN number

**UN No.** (ADR/RID) 1993  
**UN No.** (IMDG) 1993  
**UN No.** (ICAO) 1993  
**UN No.** (ADN) 1993

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** FLAMMABLE LIQUID, N.O.S.(Ethanol)  
**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S.(Ethanol)  
**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S.(Ethanol)  
**Proper shipping name (ADN)** FLAMMABLE LIQUID, N.O.S.(Ethanol)

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### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)
Limited quantities	5 L

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
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### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Flam. Liq. 3 - H226: : Expert judgement.
<b>Training advice</b>	Read and follow manufacturer's recommendations.
<b>Revision comments</b>	This is first issue.
<b>Issued by</b>	Büşra Tarakçı/CRAD gbf@crad.com.tr
<b>Revision date</b>	25/11/2016
<b>Revision</b>	0.2
<b>Supersedes date</b>	19/07/2016
<b>SDS number</b>	5997
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour.

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