

# SAFETY DATA SHEET

## GRF216 GRANGERS HAND SANITISER

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

#### 1.1. Product identifier

Product name GRF216 GRANGERS HAND SANITISER

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

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

Supplier Grangers International Ltd  
Enterprise Way  
Duckmanton  
Derbyshire  
S44 5FD  
United Kingdom  
T: +44 (0) 1773 521521  
F: +44 (0) 1773 521262  
info@grangersinternational.co.uk

#### 1.4. Emergency telephone number

### SECTION 2: Hazards identification

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

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

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word Danger

Hazard statements  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P243 Take action to prevent static discharges.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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### 2.3. Other hazards

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

#### 3.2. Mixtures

<b>ethanol</b>	<b>80%</b>
CAS number: 64-17-5	EC number: 200-578-6
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
<b>WATER</b>	<b>17%</b>
CAS number: —	
<b>Classification</b>	
Not Classified	
<b>Glycerol</b>	<b>3.0%</b>
CAS number: 56-81-5	
<b>Classification</b>	
Not Classified	
<b>hydrogen peroxide solution ... %</b>	<b>0.09%</b>
CAS number: 7722-84-1	EC number: 231-765-0
<b>Classification</b>	
Ox. Liq. 1 - H271	
Acute Tox. 4 - H302	
Acute Tox. 4 - H332	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
STOT SE 3 - H335	

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. Keep affected person under observation. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Do not induce vomiting. Get medical attention. Give plenty of water to drink.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation persists after washing.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea. Irritating to respiratory system.
<b>Ingestion</b>	May cause stomach pain or vomiting. Ingestion of large amounts may cause unconsciousness.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
<b>Eye contact</b>	May cause severe eye irritation. May cause blurred vision and serious eye damage.

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Hazardous combustion products</b>	Highly flammable gases or vapours.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Cool containers exposed to flames with water until well after the fire is out.
<b>Special protective equipment for firefighters</b>	Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Provide adequate ventilation. Wear protective gloves, eye and face protection. Avoid inhalation of vapours and contact with skin and eyes. No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing as described in Section 8 of this safety data sheet.
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#### 6.2. Environmental precautions

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**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Flush contaminated area with plenty of water. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid inhalation of vapours/spray and contact with skin and eyes. Static electricity and formation of sparks must be prevented.

**Advice on general occupational hygiene** Do not smoke in work area. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.

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

**Storage precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 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

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Avoid inhalation of vapours. All handling should only take place in well-ventilated areas.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. Thickness: > 0.45 mm The selected gloves should have a breakthrough time of at least 8 hours.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures** Do not smoke in work area. Good personal hygiene procedures should be implemented. Provide eyewash station. Wash contaminated skin thoroughly after handling.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and chemical properties

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

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<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Clear.
<b>Odour</b>	Alcoholic.
<b>Initial boiling point and range</b>	82°C
<b>Flash point</b>	12°C
<b>Vapour pressure</b>	4.16 kPa @ 20°C
<b>Relative density</b>	0.77-0.79 @ 20°C
<b>Solubility(ies)</b>	Slightly soluble in water.

### 9.2. Other information

#### 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 under the prescribed storage conditions.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

##### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Not known.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

**Inhalation** May cause respiratory system irritation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Eye contact** Irritation of eyes and mucous membranes.

#### SECTION 12: Ecological information

##### 12.1. Toxicity

##### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

##### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

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### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1219
UN No. (IMDG)	1219
UN No. (ICAO)	1219
UN No. (ADN)	1219

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ISOPROPANOL (ISOPROPYL ALCOHOL)
Proper shipping name (IMDG)	ISOPROPANOL (ISOPROPYL ALCOHOL)
Proper shipping name (ICAO)	ISOPROPANOL (ISOPROPYL ALCOHOL)
Proper shipping name (ADN)	ISOPROPANOL (ISOPROPYL ALCOHOL)

### 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	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

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### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	2
Emergency Action Code	•2YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

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

#### SECTION 15: Regulatory information

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

EU legislation	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).
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Issued by	Technical Manager
Revision date	28/10/2021
Revision	3
Supersedes date	29/09/2020
SDS number	6029
Hazard statements in full	H225 Highly flammable liquid and vapour. H271 May cause fire or explosion; strong oxidiser. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation.