

## SAFETY DATA SHEET

### GRF82 GRANGERS MERINO WASH

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** GRF82 GRANGERS MERINO WASH

**UFI** UFI: 3GK1-1KX4-H50K-Q346

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

**Identified uses** Detergent.

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

**Supplier** Grangers International Ltd  
Enterprise Way  
Duckmanton  
Derbyshire  
S44 5FD  
United Kingdom

EU Authorised Representative:  
Authorised Rep Compliance Ltd  
Ground Floor, 71 Lower Baggot Street  
Dublin  
DO2 P593  
Ireland  
TEL: +44 (0) 1773 521521  
IRELAND TEL: 00353 15133758  
info@grangersinternational.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0)1773 521521 (MON-FRI 08.00-17.00 UK TIME)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification (SI 2019 No. 720)**

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Not Classified

**2.2. Label elements**

**Hazard pictograms**



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.

**Precautionary statements** P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P305 IF IN EYES:  
P352 Wash with plenty of water.

## GRF82 GRANGERS MERINO WASH

### Labelling notes

EU Detergent statement in accordance with Regulation (EC) No 648/2004: Contains <5 % Non-ionic Surfactant. Preservative (1,2-benzisothiazol-3(2H)-one )

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>C10 Alcohol ethoxylate</b>		<b>1-5%</b>
CAS number: 160875-66-1		
<b>Classification</b>		
Acute Tox. 4 - H302		
Eye Dam. 1 - H318		
<b>1,2-benzisothiazol-3(2H)-one</b>		<b>&lt;1%</b>
CAS number: 2634-33-5		EC number: 220-120-9
M factor (Acute) = 1		
<b>Classification</b>		
Acute Tox. 4 - H302		
Acute Tox. 2 - H330		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		

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>Inhalation</b>	Not relevant.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if symptoms are severe or persist. Get medical attention if a large quantity has been ingested.
<b>Skin contact</b>	Wash skin thoroughly with soap and water or use an approved skin cleanser.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Get medical attention if symptoms are severe or persist after washing.

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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.

##### 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

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**Suitable extinguishing media** The product is not flammable.

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

**Hazardous combustion products** None known.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with eyes and prolonged skin contact. For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Not regarded as dangerous for the environment.

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

**Methods for cleaning up** No specific clean-up procedure recommended. Flush away spillage with plenty of water. Flush contaminated area with plenty of water. Discharge of small quantities to the sewer with plenty of water may be permitted.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** No specific recommendations.

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

**Storage precautions** No specific recommendations.

### 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** No specific ventilation requirements.

**Eye/face protection** Wear eye protection.

**Hand protection** Wear protective gloves.

**Other skin and body protection** Provide eyewash station.

**Hygiene measures** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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**Respiratory protection** Respiratory protection not required.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Clear.
<b>Odour</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): 7.00 @ 21°C (+/- 1.00)
<b>Bulk density</b>	~ 1.0 kg/l
<b>Solubility(ies)</b>	Completely 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 at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

#### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Acute aquatic toxicity

**Acute toxicity - fish** Not considered toxic to fish

#### 12.2. Persistence and degradability

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

#### 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

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

**Disposal methods** No specific disposal method required.

## SECTION 14: Transport information

**General** Not regulated.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required. Not regulated.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Issued by** Technical Manager

**Revision date** 15/02/2023

**Revision** 14

**Supersedes date** 09/12/2021

## GRF82 GRANGERS MERINO WASH

**SDS number**

4678

**Hazard statements in full**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.