

# SAFETY DATA SHEET

## GRF137 GRANGERS DOWN REPEL

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

#### 1.1. Product identifier

**Product name** GRF137 GRANGERS DOWN REPEL

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

**Identified uses** Garment care product

#### 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** Not Classified

**Environmental hazards** Not Classified

#### 2.2. Label elements

**Hazard statements** NC Not Classified

**Precautionary statements** P102 Keep out of reach of children.

**Labelling notes** Contains preservative (1,2 benzisothiazol-3(2h)-one) 0.0047 % w/w.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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<b>Synthetic polymer</b>	<b>1-5%</b>
CAS number: —	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

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

**Composition comments**      aqueous dispersion based on modified synthetic polymers

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Give plenty of water to drink. Get medical attention immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Wash with plenty of water. Get medical attention if irritation persists after washing.

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

<b>Inhalation</b>	May cause an asthma-like shortness of breath.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause irritation.
<b>Eye contact</b>	May cause severe eye irritation.

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

**Notes for the doctor**      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**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**      For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions**    Do not discharge into drains or watercourses or onto the ground.

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

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**Methods for cleaning up** Clear up spills immediately and dispose of waste safely. Flush contaminated area with plenty of water. Do not contaminate water sources or sewer

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

**Usage precautions** No specific recommendations.

**Advice on general occupational hygiene** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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

**Storage precautions** Container must be kept tightly closed when not in use.

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

**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. Nitrile: Thickness >0.3mm - Permeation time according to EN 374-3:>60 minutes Polychloroprene. Thickness >0.7mm - permeation time according to EN 374-3:>60 minutes For prolonged or repeated contact: Nitrile: Thickness > 0.45mm - Permeation time according to EN 374-3: >480 minutes

**Other skin and body protection** Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

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

**Respiratory protection** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

#### SECTION 9: Physical and chemical properties

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

**Appearance** Liquid.

**Colour** White.

**Odour** Slight. Characteristic.

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<b>pH</b>	pH (concentrated solution): 5.00 @ 21°C (+/- 1.00)
<b>Initial boiling point and range</b>	100°C/212°F
<b>Flash point</b>	No specific test data are available.
<b>Relative density</b>	~ 1.00 @ 21°C
<b>Solubility(ies)</b>	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** Avoid freezing.

##### 10.5. Incompatible materials

**Materials to avoid** None known.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

###### Inhalation

Considered to be a low inhalation hazard at normal workplace temperatures. Frequent inhalation of vapours may cause respiratory allergy.

###### Ingestion

Irritating.

###### Skin contact

May be slightly irritating to skin.

###### Eye contact

May cause eye irritation.

#### SECTION 12: Ecological information

**Ecotoxicity** No data on possible environmental effects have been found.

##### 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.

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### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

**Mobility** The product contains substances which are 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** Not determined.

## 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

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not relevant.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 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** 09/12/2021

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<b>Revision</b>	3
<b>Supersedes date</b>	01/09/2020
<b>SDS number</b>	5810
<b>Hazard statements in full</b>	H315 Causes skin irritation. H319 Causes serious eye irritation.