



## SAFETY DATA SHEET STOPGAP GRADED AGGREGATE

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

#### 1.1. Product identifier

Product name                      STOPGAP GRADED AGGREGATE

Internal identification            SGA/5

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

Identified uses                    Aggregate

Uses advised against            None

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

Supplier                            F.Ball and Co. Ltd.  
    Churnetside Business Park,  
    Station Road,  
    Cheddleton,  
    Leek,  
    Staffordshire. ST13 7RS  
    Tel: 01538 361633 Mon-Fri 8.30am-5.00pm (Exc Bank Holidays)  
    Fax: 01538 361622  
    E.mail: msds@f-ball.co.uk

#### 1.4. Emergency telephone number

Emergency telephone            01538 361633 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

### SECTION 2: Hazards identification

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

##### Classification

Physical hazards                    Not Classified

Health hazards                     Not Classified

Environmental hazards            Not Classified

#### 2.2. Label elements

Hazard statements                NC Not Classified

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Composition comments            The product does not contain any hazardous ingredients in a concentration that requires declaration in this section.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General information                Remove affected person from source of contamination.

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<b>Inhalation</b>	Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Irrigate the eyes with water or proprietary eye-wash for at least 15 minutes. Get medical attention if any discomfort continues.

### **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>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
<b>Eye contact</b>	May cause temporary eye irritation.

### **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>	The product is non-combustible.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Dust may form explosive mixture with air.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended.

### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Wear chemical protective suit.

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

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

<b>Personal precautions</b>	Avoid inhalation of dust. Avoid contact with skin and eyes.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Avoid generation and spreading of dust. Preferably remove spillage with a vacuum cleaner. If not possible dampen with water and collect spillage with a shovel, broom or the like. Collect spillage in containers, seal securely and dispose of as low hazard waste.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid handling which leads to dust formation. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using the product.

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

**Storage precautions** The product must be stored under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught.

#### 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

**Ingredient comments** General nuisance dust levels should be controlled to WEL (8hr TWA):-  
10mg/m<sup>3</sup> total inhalable dust  
4mg/m<sup>3</sup> respirable dust.

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

**Personal protection** Always check applicability with your supplier of protective equipment.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection** Wear apron or protective clothing in case of contact.

**Hygiene measures** Provide eyewash station. Good personal hygiene practices should be followed when working with chemicals.

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

**Environmental exposure controls** Keep container tightly sealed when not in use.

### SECTION 9: Physical and Chemical Properties

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

**Appearance** Granules.  
**Colour** White/off-white.  
**Odour** Slight.  
**Odour threshold** Not determined.

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<b>pH</b>	pH (diluted solution): 11 approx. (water dispersed)
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	> 1000°C
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Other flammability</b>	Not determined.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	Variable, depends on packing effects and temperature
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Partially miscible with water
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Explosive under the influence of a flame</b>	No
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product in its ready-to-use form.

### 9.2. Other information

<b>Other information</b>	None.
<b>Refractive index</b>	Not determined.
<b>Particle size</b>	Not determined.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	Not applicable.
<b>Saturation concentration</b>	Not determined.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	Not applicable.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 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** Under normal conditions of storage and use, hazardous reactions will not occur.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

**Materials to avoid** N/A

### 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.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are available.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.,Not corrosive to skin.

#### Animal data

No specific test data are available.

#### Human skin model test

No specific test data are available.

#### Extreme pH

No specific test data are available.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Slightly irritating.

#### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising. There is no evidence that the product can cause respiratory hypersensitivity.

#### Skin sensitisation

**Skin sensitisation** Not sensitising.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** No specific test data are available.

**Genotoxicity - in vivo** No specific test data are available.

#### Carcinogenicity

**Carcinogenicity** No specific test data are available. Does not contain any substances known to be carcinogenic.

#### IARC carcinogenicity

Not listed.

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### Reproductive toxicity

**Reproductive toxicity - fertility** No specific test data are available. Does not contain any substances known to be toxic to reproduction.

**Reproductive toxicity - development** Not considered to be toxic to the reproductive system.

### Specific target organ toxicity - single exposure

**STOT - single exposure** No specific test data are available. Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No specific test data are available. Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### General information

No specific health hazards known.

### Inhalation

Dust in high concentrations may irritate the respiratory system.

### Ingestion

Ingestion of small amounts is unlikely to cause a significant reaction. Larger doses may result in irritation to the gastro intestinal tract.

### Skin contact

Prolonged or repeated exposure may cause some irritation of the skin.

### Eye contact

May cause temporary eye irritation.

### Acute and chronic health hazards

No specific health hazards known.

### Medical symptoms

No specific symptoms noted.

### Medical considerations

No information available.

## SECTION 12: Ecological Information

### Ecotoxicity

The product is not expected to be hazardous to the environment.

### 12.1. Toxicity

#### Toxicity

Not considered toxic to fish.

#### Acute toxicity - fish

Not determined

#### Acute toxicity - aquatic invertebrates

Not determined.

#### Acute toxicity - aquatic plants

Not determined.

#### Acute toxicity - microorganisms

Not determined.

#### Acute toxicity - terrestrial

Not determined.

#### Chronic toxicity - fish early life stage

Not determined.

#### Short term toxicity - embryo and sac fry stages

Not determined.

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**Chronic toxicity - aquatic invertebrates** Not determined.

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

**Phototransformation** Not determined.

**Stability (hydrolysis)** Not determined.

**Biodegradation** Not available.

**Biological oxygen demand** No specific test data are available.

**Chemical oxygen demand** No specific test data are available.

### 12.3. Bioaccumulative potential

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

**Partition coefficient** Not applicable.

### 12.4. Mobility in soil

**Mobility** The product has poor water-solubility.

**Adsorption/desorption coefficient** Not determined.

**Henry's law constant** Not determined.

**Surface tension** Not determined.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 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.

## SECTION 14: Transport information

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

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

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### Transport labels

#### 14.4. Packing group

#### 14.5. Environmental hazards

##### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: Regulatory information

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

<b>National regulations</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	F.Ball and Company Ltd Technical Datasheet.
<b>Key literature references and sources for data</b>	Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.
<b>Revision comments</b>	Section 9: update. Section 11 update. Section 12 update.
<b>Revision date</b>	22/03/2016
<b>Revision</b>	5
<b>Supersedes date</b>	17/04/2015
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	Not classified.

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