

## Material Safety Data Sheet

According to 91/155/EEC and ISO 14001:2015

Version : 01  
Issued Date : July-2022

### 1. Identification of the substance/preparation and company

#### Product

Product name

**CONSOL GROUT 800 MF**

#### Manufacturer/supplier information

Manufacturer/supplier : PT.Kimia Konstruksi Indonesia  
Street/postbox : Ruko Wadung Asri Permai Blok B 8  
Jl. Wadung Asri no. 46-48  
Town/City and Post Code : Waru, Sidoarjo, Jawa Timur  
Country : Indonesia  
Phone/Fax : +62318661122/+62318661122

### 2. Composition/information on ingredients

#### Chemical family/Characteristics

Mixture of cements, aggregates and additives

### 3. Hazards identification

#### Classification

Xi; R41, R37/38 R43

#### Human health hazards

Risk of serious damage to eyes. Irritating to respiratory system and skin. May cause sensitization by skin contact

#### Additional hazards

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat

### 4. First-aid measures

#### Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.

#### Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek medical attention.

#### Inhalation

Get medical attention

#### Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Maintain an open airway. Seek immediate medical attention

#### Notes of physician

No specific treatment. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

### 5. Fire and Explosion Data

#### Flammability of the product

Not flammable materials

Auto-Ignition Temperature : Not available

Flash Point : Not available

Flammable Limits : Not available

Products of Decompositions: These products are carbon oxides (CO, CO<sub>2</sub>)

#### Explosion hazards in presence of various substances

Risk of explosion of the product in presence of mechanical impact

Not available

Risk of explosion of the product in presence of static discharge

Not available

#### Fire fighting media and instructions

Small fire : use dry chemical powder

Large fire : use water spray, fog or foam. Do not use water jet.

#### Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode

### 6. Accidental release measures

#### Small Spill

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by vacuum or sweep and place in a designated, labelled waste container.

#### Large Spill

Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

#### Personal precautions

Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

#### Environmental precautions

Avoid dispersal or spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the

product has caused environmental pollution (sewers, waterways, soil or air)

## 7. Handling and storage

### Handling

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

### Storage

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## 8. Exposure Controls/Personal Protection

### Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operation generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminant below the exposure limits.

### Personal Protection

Splash goggles lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

### Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### Appearance

Physical state	: Powder
Colour	: Grey
Odour	: Odourless
Mixing Density	: ~2.3 kg/m <sup>3</sup>

## 10. Stability and reactivity

### Stability

The product is stable

### Conditions to avoid

No specific data

### Incompatibility with various substances

No specific data

### Hazardous decomposition

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### Potential acute health effects

#### Inhalation

Irritating to respiratory system. May cause irritation.

#### Ingestion

Irritating to mouth, throat and stomach.

#### Skin contact

Irritating to skin. May cause sensitisation by skin contact.

#### Eye contact

Severely irritating to eyes. Risk of serious damage to eyes.

#### Chronic effects

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## 12. Ecological information

### Environmental effects

Avoid contact of spilt material and runoff with soil and surface waterways. Do not empty into drains; dispose of this material and its container in a safe way.

## 13. Disposal considerations

### Waste Disposal

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues.

This material and its container must be disposed of in a safe way.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**Packaging**

Completely emptied packagings may be given for recycling.  
Empty packaging may still contain hazardous residues.  
Empty packaging should be removed by a licensed waste contractor.

**14. Transport Information**

Regulatory information	UN number	Proper shipping name	classes	PG	Additional information
DOT classification	Not regulated		-	-	-
TDG classification	Not regulated		-	-	-
ADR/RID class	Not regulated		-	-	-
IMDG class	Not regulated		-	-	-
IATA-DGR class	Not regulated		-	-	-

**15. Regulatory information**

Hazard symbol(s)

Xi irritant

Contains

Cement

R-phrases (s)

R41 Risk of serious damage to eyes  
R37/38 Irritating to respiratory system and skin  
R-43 May cause sensitization by skin contact

Safety phrases

S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37/39 Wear suitable gloves and eye/face protection.

Remark

76/769/EC / AI/47



VOC content (EU)  
VOC (w/w): 0%

Regulatory information

Classification according to PP No. 74 Th 2001 The product is classified as Bersifat Iritasi (Irritant) substance.

**16. Other information**

Notice to reader

This is data contained herein are furnished for information only and are believed to be reliable. However, PT. KIMIA KONSTRUKSI INDONESIA doesn't assume responsibility for any result obtained by over those methods are not controlled.

