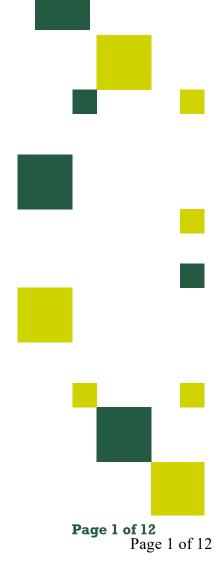


# NATCEM 35

# SAFETY DATA SHEET

**VERSION 2** 

www.naturalcement.co.uk







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

#### 1.1 Product Identifier

Trade Name: NATCEM 35.

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

Product use: Concrete Repair material, fast setting Mortar and Concrete

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

Company: Natural Cement Distribution Ltd.,

Fountain Parade,

Mapplewell,

Barnsley,

S. Yorks,

S75 6FW

Telephone: +44 (0)1226 381133

# 1.4 Emergency telephone contact:

Emergency telephone number: 01226 381133 (Available during office hours)

Email Contact: enquiries@naturalcement.co.uk

#### **SECTION 2: Hazards Identification**

## 2.1 Classification of the substance or mixture

Type of product Mixture

#### Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H313: May be harmful in contact with skin...

Serious eye damage, Category 1 H319: Causes serious eye irritation.

Specific target organ toxicity – single H335: May cause respiratory irritation.

Exposure, Category 3, Respiratory system

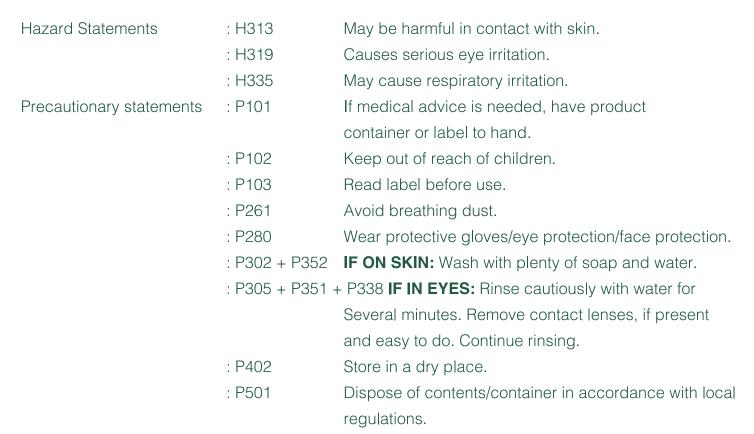
#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

Single word





#### 2.3 Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria

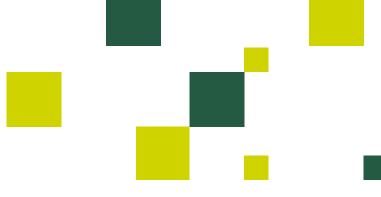
# **SECTION 3: Composition/Information on Ingredients**

#### 3.2 Mixtures

Chemical Name CAS-No EC-No	Classification	Concentration (%)
Natural Cement CAS-No. 65997-15-1 EC-No. 266-043-4	Skin Irrit.2: H315 Eye Dam.1: H319 STOT SE3. : H335	>= 40
Silica Sand CAS-No. 14808-60-7 EC No. 238-878-4		>= 50 - >= 100
Citric Acid CAS-No. 77-92-9 EC No.201-069-1 Registration No. 01-2119457026-42-0008	Eye Dam. 1 : H319	>=1

For the full text for all H-Statements mentioned in this section, see section 16.





#### **SECTION 4: First Aid Measures**

## 4.1 Description of first aid measures

General Information Move out of dangerous area.

Get medical attention if irritation persists.

Show this safety data sheet to the doctor in attendance.

If inhaled Move to fresh air.

Consult a physician after significant exposure.

In case of skin contact

Take off contaminated clothing and shoes immediately

Wash off with soap and plenty of water If symptoms persist call a physician.

In case of eye contact

In case of contact with eyes, rinse immediately with

plenty of water and seek medical advice.

Continue rinsing eyes during transport to hospital.

Remove contact lenses.

Keep eye wide open while rinsing.

If swallowed Do not induce vomiting without medical advice.

Rinse mouth with water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious

person.

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

General Information The severity of the symptoms described will vary

dependent on the concentration and the length of

exposure.

Symptoms Cough

Respiratory disorder
Excessive lachrymation

Erythema Dermatitis

Risks May be harmful in contact with skin.

Causes serious eye damage. May cause respiratory irritation.

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

Treatment No specific recommendations



# **Section 5: Firefighting measures**

# 5.1 Extinguishing media

Suitable extinguishing media NATCEM 35 is not flammable. Use fire-extinguishing

media suitable for the surrounding fire.

## 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

No hazardous combustion products are known.

**5.3 Advice for firefighters** 

Special protective equipment

Use protective equipment appropriate for

For firefighters surrounding materials

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

# 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment.

Avoid breathing dust

Deny access to unprotected persons

## **6.2 Environmental precautions**

Environmental precautions Try to prevent the material from entering drains or water

courses.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

Pick up and arrange disposal without creating dust.

Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8. For waste disposal see section 13.

#### **SECTION 7: HANDLING & STORAGE**

#### 7.1 Precautions for safe handling

Advice on safe handling Avoid exceeding the given occupational exposure limits

(see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures

when handling cement products.

Advice on protection against

Fire & explosion

Avoid dust formation. Provide appropriate exhaust

ventilation at places where dust is formed.





# 7.2 Conditions for safe storage, including any incompatibilities.

Keep container tightly closed in a dry and well Storage precautions

ventilated place. To be stored out of the reach of

children Store in accordance with local regulations.

7.3 Specific end use(s)

Specific use(s) The identified uses for this product are detailed in

Section 1.2

# **SECTION 8: Exposure controls/personal protection**

# **8.1 Control parameters**

Components with workplace control parameters

SILICA SAND

Long-term exposure limit (8hour TWA): WEL  $0.1 \text{ mg/m}^3$ 

NATURAL CEMENT

Long-term exposure limit (8hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

CITRIC ACID

Long-term exposure limit (8hour TWA): TLV No exposure limit noted.

**8.2 Exposure controls** 

Personal protective equipment







Eye protection

Safety glasses with side-shields

Hand protection Chemical-resistant, impervious gloves complying

with an approved standard must be worn at all

times when handling chemical products.

Eye wash bottle with pure water

Contaminated gloves should be removed.

Skin and body protection Protective clothing such as a dust impervious

protective suit, longed sleeved working clothes,

long trousers & safety shoes acc. To EN ISO 20345.

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Respiratory protection Wear a respirator fitted with the following cartridge:

Particulate filter, type 2. Ensure adequate ventilation.

This applies in particular to the mixing/stirring area.

Try to prevent the material from entering drains or water courses.

# **SECTION 9: Physical and chemical properties**

Environmental exposure controls

# 9.1 Information on basic physical and chemical properties

Appearance : powder

Colour : grey

Odour : odourless

Odour Threshold : No data available

Flash point : Note: Not applicable

Ignition temperature : No data available

Lower explosion limit (Vol%) : No data available

Upper explosion limit (Vol%) : No data available

Flammability (solid, gas) : No data available

Oxidizing properties : No data available

Auto-ignition temperature : No data available

pH : 12

Melting point/range / Freezing : No data available

point

Boiling point/boiling range : No data available Vapour pressure : No data available Density : No data available

Water solubility : Hardens in contact with water.

Partition coefficient: : No data available

n-octanol/water

Viscosity, dynamic : No data available
Viscosity, kinematic : Note: Not applicable
Relative vapour density : No data available

Evaporation rate : No data available

Comments : Information given is applicable to the

product as supplied

# 9.2 Other Information

No data available





# **SECTION 10: Stability and reactivity**

# 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

## 10.2 Chemical stability

The product is chemically stable

## 10.3 Possible of hazardous reactions

Hazardous reactions Stable under recommended storage conditions.

10.4 Conditions to avoid

Conditions to avoid Water, moisture

10.5 Incompatible materials

Materials to avoid No data available

## 10.6 Hazardous decomposition products

Hazardous decomposition No known hazardous decomposition products products

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

**Skin corrosion/irritation**May be harmful in contact with skin.

**Inhalation** Irritating to respiratory system. Inflammation of the

nasal mucous membrane by expose to cement dust.

**Ingestion**May cause irritation of mouth, throat and digestive tract

**Skin contact**This product is strongly irritating. Prolonged contact

may cause burns. May cause sensitisation by skin

contact.

**Eye Contact** Irritating and may injure eye tissue if not removed

promptly.

Acute & chronic health

hazards

Repeated and/or prolonged contact may lead to

dermatitis.



**Ecotoxicity**The product is not expected to be hazardous to the

environment.

12.1 Toxicity

Acute toxicity – fish Not determined.

The product is not expected to be hazardous to the environment. The addition of natural cement to water will not cause the pH to rise and will not be toxic to

aquatic life.

12.2 Persistence and degradability

Persistence and degradability The product is not biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating

12.4 Mobility in Soil

Mobility in Soil No data available

12.5 Results of PBT and cPvB assessment

Results of PBT and cPvB 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** Do not empty into drains, sewers or water courses.

The generation of waste should be avoided or

minimized wherever possible.

**Disposal methods**Empty containers or liners may be recycled. Dispose

of waste to licensed disposal site in accordance with the requirements of the local Waste Disposal Authority

The fully cured material is not considered as hazardous

waste.





# **SECTION 14: Transport information**

General This 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 relevant

14.3 Transport hazard class(es) Not relevant

14.4 Packing Group Not relevant

14.5 Environmental hazards

**Environmentally hazardous** 

substance/marine pollutant NO.

14.6 Special precautions for use Not relevant

14.7 Transport of bulk according to

Annex II of MARPOL 73/78

and the IBC Code Not relevant

#### **SECTION 15: Regulatory information**

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

#### **Prohibition/Restriction**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and

articles (Annex XVII)

REACH - Candidate List of Substances of

Very High Concern for Authorisation (Article 59). (=> 0.1 %).

REACH - List of substances subject to

authorisation (Annex XIV)

: Not applicable

: None of the components are listed

: Not applicable

**REACH Information:** All substances contained in our Products are

- pre-registered or registered by our upstream

suppliers, and/or

- pre-registered or registered by us, and/or

- excluded from the regulation, and/or

- exempted from the registration





Regulations 2002 (SI 2002 No. 2677) (as amended) The Chemicals (Hazard Information and Packaging for supply) Regulations 2009 (SI 2009 No. 716

**EU Legislation**Commission Regulation (EU) No 453/210 of 20 May 2010 Regulation (EC) No 1272/2008 of the European

Parliament and of the Council of 16 December 2008

on classification, labelling and packaging of substance and mixtures (as amended)

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

# 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

# **SECTION 16. Other information**

Full text of Hazard Statements : H313 May be harmful in contact with skin.

: H319 Causes serious eye irritation.

: H335 May cause respiratory irritation.

Full text of Precautionary statements : P101 If medical ac

: P101 If medical advice is needed, have product

container or label to hand.

: P102 Keep out of reach of children.

: P103 Read label before use.

: P261 Avoid breathing dust.

: P280 Wear protective gloves/eye protection/face

protection.

: P302 + P352 IF ON SKIN: Wash with plenty of soap

and water.

: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

: P402 Store in a dry place.

: P501 Dispose of contents/container in accordance with

local regulations.

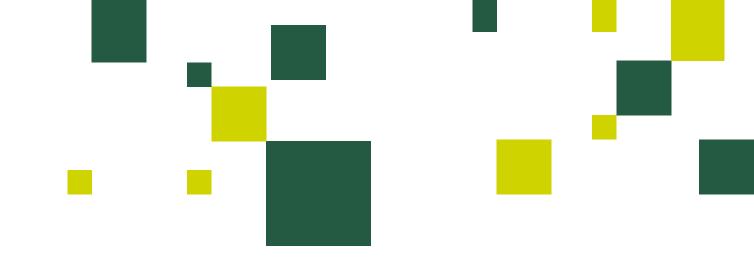
The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Further advice and information regarding the handling of cement products is available from:-

#### **Natural Cement Distribution Ltd**

Fountain Parade, Mapplewell, Barnsley, South Yorkshire. S75 6FW

TEL: 01226 381133 Fax: 01226 381177 www.naturalcement.co.uk





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