



SAFETY DATA SHEET
INFORMATION FORM CHEMICALS
DATA

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| X |
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R-PG 10/01
Ref.SDS96.02

1. Identification of the chemical and of the manufacturer, importer or other undertaking.

1.1.-Identificación of the substance on preparation

Trade name: **MAXDINAMIT CEMENT**

Code of the preparation

1.2.-Identificación of the manufacturer, importer or other undertaking

1.2.1.-Manufacturer, importer, other undertaking: **DRIZORO, S.A.**

1.2.2.-Address: **C/ Primavera, 50-52**
Parque Industrial Las Monjas
28850 Torrejón de Ardoz, Madrid
Spain

1.2.3.-Telephone in case of emergency.

Tel. + (34) 91 6766676

Others emergency telephone number: National Toxicologic institute, Tel. 91 5620420

1.2.4.-Information on foreign manufacturer.

2. Composition and information on ingredients

2.1.-Description:

2.2.-Hazardous ingredients:

| 2.2.1.-CAS number or other code | 2.2.2 Name of the ingredients | 2.2.3.Concentration | 2.2.4.Warning symbol, R phrases and other data on the ingredients |
|---------------------------------------|-------------------------------|---------------------|---|
| CAS: 65997-15-1 (EINECS 266-043-4) | Portland cement Compound | >5 <50% | Xi (Irritant) R36/37/38 |

2.2.5 Full chemical name of the ingredients (CAS number name) Confidential

2.2.6 Other information

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3. Hazards Identification

Symbol of danger: Xi

Main dangers for the human health and environment

Irritating to the eyes, breathing system and the mucous ones.

When mixed with water, present high PH, so it may causes irritation on the skin when prolonged contact period and lesions on eyes if projected.

In the case of very large contact and repeated period of the pasted with the skin may causes sensibilitation to Hexavalent chrome (Cr6+).

The cement does not represent any particular danger for the environment if consideration of sections 12 & 13 are respeted.

4. First aid measures

4.1 Special instructions

4.2 Inhalation

If persons with respiratory problems breath big quantities of cement, must see a doctor.

4.3 Skin

Remove the product and rinse, the affected area, immediatly with plenty of water at least for 15 minutes. Take the stained clothes off and if symptoms continue, go to see a doctor.

4.4 Splashes in eyes

Hold eyelids apart and clean the eyes right away with plenty of water at least for 15 minutes and see a doctor.

4.5 Ingestion

Seek medical advice and show this safety data sheet.

The decision of inducing or not to vomit, will be based on medical criteria.

4.6 Information of doctor or other trained persons giving first aid

5. Fire-Fighting measures.

5.1 Suitable extinguishing media

In case of fire, the product do not limit the use of extinguish agents

5.2 Extinguishing media which must not be used for safety reasons.

5.3 Special exposure hazards in a fire.

Non flammable material.

5.4.Special protective equipment for a fire

5.5 Other instructions

6. Accidental release measures.

6.1 Personal precautions

Avoid powder spreads out. Do not breathe powder and avoid contact with skin and eyes.

Use protective clothing as well as booths, gloves and protection for eyes (protection glasses with lateral setting). Use powder mask filter.

6.2 Environmental precautions

Avoid product penetrates into the ground, sewer system or in-shore waters.

6.3 Methods for cleaning up

The product remains on site when is poured (risk of powder spreads). Do not use water. Pick up with mechanical devices. Dispose according with laws in force.

6.4 Other instructions

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7. Handling and storage

7.1 Handling

Wear suitable clothing and use powder mask filter.

7.2 Storage

Keep packages well closed and in a dry, fresh and well ventilated place.
Protect against humidity.
Keep away childrens.

8. Exposure controls / personal protection

8.1 Technical measures for exposure controls.

8.2 Limit values for workplace

8.2.1 HTP values

Silica quartz---- TLV-TWA: 0.1 mg / m3 ,Respirable powder.
Portland cement --- TLV-TWA: 10 mg / m3 , Total powder.

8.2.2 Other information on limit values

8.3. Personal protective equipment

8.3.1. Special instructions for protection and hygiene

Provide good ventilation in storing, handling and use places.

8.3.2. Respiratory protection

Powder mask filter.

8.3.3 Hand protection

Use waterproof gloves.

8.3.4. Eye protection

Goggles with lateral protection.

8.3.5. Skin protection

Wear waterproof protective suite and boots and kneecap if necessary.

9. Physical and chemical properties.

9.1 Physical state, colour and odour. Odourless powder.

9.2. pH Basic between 11 to 13,5.

9.3 Information on changes in the physical state.

9.3.1. Boiling point / boiling range

9.3.2 Melting point / melting range > 1000°C

9.3.3 Decomposition temperature

9.4. Flash point Non flammable

9.5. Flammability (solid / gas)

9.6. Autoflammability

9.7. Explosion hazard

9.8 Explosive limits a.-Lower

b.- Upper

9.9 .Oxidising properties

9.10 Vapour pressure

9.11 Relative density

9.12 Solubility a.-Water solubility

b.- Fat solubility

In contact with water precipitates.

9.13 Partition coefficient (for ingredients) in-octano / water

9.14 Viscosity

9.15 Other information

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10. Stability and reactivity

10.1 Conditions to avoid

Stable product. No danger reactions are known while storing and handling according to the common industrial practise. Protect against humidity.

10.2 Materials to avoid

N.A.
On precense of humidity, causes cement curing.

10.3 Hazardous decomposition products

N.A.

11. Toxicological information

11.1 Inhalation

Cement may cause irritations on respiratory ways.

11.2 Ingestion

In the case of ingestion, cement may cause irritation on digestive system, and stomach ache .

11.3 Contact with skin

May cause irritation on humid skin due to have high PH on its aquous solutions

11.4 Contact with eyes

If contact with eyes, the cement may produce lesions in eyes.

11.5 Cutaneous chronic pathology

The lingering exhibition without appropriate protection for the skin (gloves) it may cause irritation on the dermis. Persons predisposed to allergies can increase allergies to certain present elements in the cement (hexavalant chrome)

11.6 Other information on health effects

12. Ecological information

12.1 Persistence in the environment

12.1.1 Ecotoxicity

In the event of accidental spill in water a weak ascent of PH can take place. Once settled it is a stable product that it fixes their compounds and it makes them insoluble

12.1.2 Persistence and degrability

N.A.

12.2 Bioaccumulation

N.A.

12.3 Mobility

N.A.

12.4 Toxic effects on organisms

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12.4.1 Aquatic toxicity

The product precipitates in contact with water as stable hydrates.
Avoid product penetrates into sewer system.

12.4.2 Other toxicity

12.5. Other information

13. Disposal considerations

Can be disposed as other constructions residues and stored according to laws in force.

14. Transport information

14.1 UN number No classified like hazardous merchandise.

14.2 Packaging category

14.3 Land transport

14.3.1 Transport class

14.3.2 Risk code

14.3.3 Name according to bill of freight

14.3.4 Other information

14.4 Sea transport

14.4.1 IMDG class

14.4.2 Correct technical name

14.4.3 Other information

14.5 Air transport

14.5.1 IDAO / IATA class

14.5.2 Correct technical name

14.5.3 Other information

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15. Regulatory information

15.1 Information on the warning label

15.1.1 Letter code of the warning symbol and indications of danger for the preparation.

Xi (irritant)

15.1.2 Names of the ingredients given on the warning label

Contains: **cement**

15.1.3 R phrases.

R36/37/38 (Irritating to eyes, skin and respiratory system)

15.1.4 S phrases

S2 (Keep away from children)

S24/25 (Avoid any contact with eyes and skin)

S26 (In case of contact with eyes, wash immediately with plenty of water and go to a doctor)

S 37/39 (Wear suitable gloves and protections on eyes and face)

15.1.5 Special regulations on certain preparations

15.2 National regulations

16. Other information

16.1 Purpose of use

16.1.1 Expressed in writing

16.1.2 Code for the purpose of use

Sic (TOL)-Standard industrial classification
KT – Desired effect of the chemical

SIC 1:

SIC 2:

SIC 3:

SIC 4:

KT 1:

KT 2:

KT 3:

KT 4:

16.2 Directions for use

16.3 Other information

This product must be stored, handled and used on the basis of a good industrial hygiene, according to legislation in force. The information provided in this safety data sheet is based on our actual knowledge state and try to describe our product from the point of view of safety requirements. It cannot perform as a guarantee of specific properties

16.4 Additional information available from

16.5 Sources of information used in the compilation of the safety data sheet

Data from suppliers and bibliographic sources.

Date

Signature

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