



The Chemical Company

Material Safety Data Sheet

IDENTITY POWER BRISTAR

Section I – Product Identification

Manufacturer's Name BASF Construction Chemicals UK Ltd	Emergency Telephone Number + 44 161 794 7411
Address Albany House, Swinton Hall Road, Swinton Manchester, M27 4DT	Telephone Number for Information + 44 161 794 7411
Product use This product is manufactured for industrial use only.	Date Prepared Signature of Preparer

Section II – Hazardous Ingredients/Identity Information

Hazardous Components(Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended

A. HAZARDOUS COMPONENTS : None

B. NON-HAZARDOUS CHEMICAL COMPONENTS (% BY WEIGHT)

1. Inorganic Compounds

1) Calcium Oxide	(CaO)	50 – 60 %
2) Calcium Silicate	(3CaO•SiO ₂ , 2CaO•SiO ₂)	10 – 20 %
3) Calcium Carbonate	(CaCO ₃)	30% – 40 %
4) Miscellaneous	(Trace Ingredients: 3CaO•Al ₂ O ₃ , MgO etc.)	

2. Organic Compound

Sulfonated melamine (CAS No.64787–97–9) or Naphthalene–sulfonic acid polymer with formaldehyde, Sodium salt (CAS No.9084–06–4) ... Approx. 1 %

Section III – Physical / Chemical Characteristics

Physical State	Solid	Specific Gravity (H ₂ O = 1)	3.21
Boiling Point	N/AP.	Melting Point	1,200°C
Vapor Pressure (mm Hg)	N/AP.	Evaporation Rate (Butyl Acetate = 1)	N/AP.
Vapor Density (AIR = 1)	N/AP.	Solubility in Water	Slight
Appearance and Odor	Gray powder, No odor	pH (in Water)	11.5

Section IV – Fire and Explosion Hazard Data

Flash Point	N/AP.	Flammable Limits	N/AP.
Extinguishing Media	N/AP.		
Special Fire Fighting Procedures	N/AP.		

Unusual Fire and Explosion Hazards

When the product is used incorrectly such as the use out of proper temperature range etc., blown-out shots will occur.

Section V – Reactivity Data

Stability	Stable
Incompatibility (Materials to Avoid)	Water (Only storage)
Hazardous Decomposition or Byproduct	None
Hazardous Polymerization	Will not occur

Section VI – Health Hazard Data

Route(s) of Entry:

Inhalation : Avoid Skin : Avoid Eye contact : Avoid Ingestion : Avoid

Health Hazards (Acute and Chronic)

- 1) Skin and eye contact : Irritation, Burn
 - 2) Inhalation and Ingestion : The same symptoms as getting cement or quicklime will appear.
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Carcinogenicity

NTP	N/AP.	IARC Monographs	N/AP.
OSHA Regulated	N/AP.		

Signs and Symptoms of Exposure

Since the product is alkali material, skin etc. will be irritated.

Medical Conditions / Generally Aggravated by Exposure

Skin and eyes will be irritated and will be got burn unless immediately rinsed off.

Emergency and First Aid Procedures

If the skin comes in contact with the product, rinse it off with clean water immediately.

If eyes come in contact with it, rinse it off with much clean water immediately, and consult a doctor as soon as possible.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Release or Spilled

- 1) Gather the released or spilled product with a broom or a shovel.
 - 2) Mix it with a large amount of water.
 - 3) Sprinkle it onto open ground.
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Waste Disposal Method

- 1) Mix it with a large amount of water
- 2) Sprinkle it onto open ground.

Precautions to Be Taken in Handling and Storing

Store it under dry condition, and wear protective glasses for eye protection, and use rubber gloves.

Other Precautions

When mixing the product with water, do not get close to holes filled with the mixture of the product and water to avoid any accident to be caused by blown-out shots.

Storage requirements

Store in a cool and dry area. Avoid contact with water. Store away from incompatibles.

Keep container closed when not in use.

Section VIII – Control Measures

Respiration Protection (Specify Type) It is recommended to wear ordinary dust-proof mask.

Ventilation	Local Exhaust	N/AP.	Special	N/AP.
	Mechanical (General)	N/AP.	Other	N/AP.

Protective Gloves Ordinary rubber gloves Eye Protection Protective glasses

Other Protective Clothing or Equipment N/AP.

Work / Hygienic Practices N/AP.
