

CENOSTAR
CORPORATION

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CenoBar Blanc Fixe
SAFETY DATA SHEET**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

1:1	Trade Name:	CenoBar Blanc Fixe: Blanc Fixe N, Blanc Fixe F, Blanc Fixe Micro
1:2	Chemical Name:	Barium Sulfate
1:3	Manufacturer / Supplier:	Cenostar Corporation 25 Storey Avenue, Suite #133, Newburyport, MA 01950 USA
1:4	Telephone Number:	978-462-2705
1:5	Telephone Number:	978-462-2705
1:5	Email Contact:	rfoster@cenostar.com

SECTION 2: HAZARDS IDENTIFICATION

2:1	Main Hazards:	Airborne dust may lead to eye irritation.
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SECTION 3: COMPONENT INFORMATION

3:1	Name:	Barytes, Barite
3:2	Chemical Formula:	BaSO ₄
3:3	CAS /	7727-43-7
3:4	EINECS	231-784-4

SECTION 4: FIRST AID MEASURES

4:1	Inhalation:	Remove from exposure.
4:2	Respiratory Protection:	Wear a dust mask.
4:3	Effects on Ingestion:	Drink plenty of water and seek medical advice
4:4	Contact with Skin:	Wash with copious amounts of water.
4:5	Contact with eyes:	Wash out eye with plenty of water. If irritation persists, consult a specialist.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

- 5:1 Extinguishing Media: Non combustible. No hazardous products in fire situation
 5:2 Flash point: Not applicable - Non Flammable.
 5:3 Ignition point: No ignition point.
 5:4 Explosion hazard: Not classified as an explosion hazard.

SECTION 6: ACCIDENTAL SPILLAGE MEASURES

- 6:1 Spillage removal method: Industrial vacuum cleaner/ damp with water.
 6:2 Waste Disposal: seek advice from local authority

SECTION 7: HANDLING AND STORAGE

- 7:1 Handling: Do not eat or drink while product is being handled.
 Avoid generation of dust.
 7:2 Storage: Store in closed containers.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

CAS-Nr.	Substance identification	type	Value	Unit
7727-43-7	Barium sulfate	TEL (UK)	4 (respirable dust)	mg/m ³
		OSHA PEL(USA)	10 (total dust)	mg/m ³
		ACGIH TLV(USA)	15 (total dust)	mg/m ³
			5 (respirable dust)	mg/m ³
			10	mg/m ³

- 8:1 Threshold values: 2mg/ m³.
 8:2 Eye Protection: Protection to comply with BS 2092.
 8:3 Body Protection: Wear protective work overalls / apron, boots, and helmet advisable.
 8:4 Hygiene Measures: Wear chromed cotton gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9:1 Appearance: White / Fine particle powder.
 9:2 Odor: None.
 9:3 pH: 7-10
 9:4 Relative density: 4.4 g/cc
 9:5 Melting Point: 1350 °c
 9:6 Solubility: < 0.01 g/l

SECTION 10: STABILITY AND REACTIVITY

- 10:1 Stability: Stable up to 1350°c.
 10:2 Conditions to avoid: Thermal decomposition above > 1300°c
 10:3 Hazardous decomposition products: Sulfur oxides (SOx), BaO

10:4 Hazardous Reactions: None.
10:5 Flammability: None.

SECTION 11: TOXICOLOGICAL INFORMATION

1:1 Acute Toxicity: Classified as Nuisance dust. LD⁵⁰(rats, oral) > 15,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12:1 Mobility: Unknown.
12:2 Degradation: Environmentally benign.
12:3 Bioaccumulative potential: The product is practically insoluble in water and not biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

13:1 Product Disposal: In sealed bags to general industrial waste site.
13:2 Container Disposal: In accordance with all applicable local & national regulations.

SECTION 14: TRANSPORTATION CONSIDERATIONS

14:1 UN number: Product not classified as a hazardous material according to the DOT, ADR/RID, IMDG, IATA on the transport of dangerous or hazardous goods

SECTION 15: REGULATORY INFORMATION

15:1 EU Classification: N/A
15:2 R-Phrase(s): N/A
15:2 S-Phrase(s): N/A

SECTION 16: OTHER INFORMATION

16:1 Issue date: September 06, 2016
16:2 Author: Roger Foster
16:3 Compiled in accordance with: No specific provisions. Refer to any National measures that may be relevant.

The above information is intended as a guide to expected average values and should NOT be interpreted as a specification. This material is **not warranted**. It is the responsibility of the user to determine any suitability for any specific purposes.