

CAKEFREE ANTICAKING AGENT

A product range of

GLOBAL SPECIALITY CHEMICALS
COMPANY

Material Safety Data Sheet



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Contact:

Global Specialty Chemicals Co.

Dammam, Saudi Arabia

Tel: +966 (3) 8184899

Fax: +966 (3) 8188987

firas@gs-chemical.com

www.gs-chemical.com

MATERIAL SAFETY DATA SHEET

SECTION 1

CHEMICAL NAME	: Anticaking Agent.
TRADE NAME/SYNONYM	: CAKEFREE
CHEMICAL FAMILY/FORMULA	: A Synergistic blend of organic and Inorganic ingredients on aqueous Vehicle.

SECTION 2

Composition / Information on Ingredients:

- Natural Oily compound, which would be conversed as coating material, when heated upto 75° C to 80° C, and sprayed, dried, in granulator cum coater – 95 to 97%.
- Emulsifier to make the emulsion – 2 to 3% maximum.
- Stabilizer to make system stable – 0.1 to 0.2%.
- Acidic matter i.e. pH 6 to 7.

All of insoluble in water.

CHEMICAL in Liquid, Semisolid Form.

No dust and no respirable dust values.

SECTION 3

Hazardous Information.

Emergency Overview : Dark colour material whether in Liquid, Semisolid
OR Solid like form.

Potential Health Effect :

Routes of entry : Eyes, Ingestion.

Eye contact : Will cause irritation.

Skin contact : Direct contact may be avoided, since on drying, it
Becomes dry and shall cause skin irritation.

Inhalation : No dust, No vapor, No hazardous or Pungent smell.

Ingestion : Should be avoided.
If accidental ingestion see first aid measures.

SECTION 4

First Aid Measures.

Eye contact : Flush Eyes with plenty of warm water, if irritation
Develops / persists call a physician.

Skin contact : Wash with plenty of warm water try to clean it with

Cotton waste and apply any edible oil on it.

Inhalation : Normally not needed, since no dust/vapor is
Generated.

Ingestion : Due to Oily nature of product, need immediate
Medical attention.

SECTION 5

Fire Fighting Measures

Flash Point : It boils and foams, if heated on its own to above
60° C, due to oily nature of product, on continuous heating, it
catches fire above 170° C. Flash Point above 165° C.

Lower/Upper Flammable

Limit : Starts burning above 165° C.

Extinguishing Media : As appropriate for combustibles in area.

Fire & Explosion Hazard : Not a fire or Explosion hazardous. Flash Point above
165° C.

SECTION 6

Accidental Release Measures

Wash with warm water and drain off in accordance with Local laws & Legislation.
Material is Oil based.

SECTION 7

Handling & Storage

Storage in Sealed containers. Any increase of water will break the emulsion and spoil the product.

SECTION 8

Exposure Controls/Personnel protection.

Respiratory protection : Not required.

Skin protection : Use hand gloves and boots as required.

Eye protection : Safety glasses with side shields or monoglasses to
Avoid any accidental spillage.

Avoid any ingestion : In case of ingestion call physician immediately.

SECTION 9

Physical and Chemical properties:

Specific Gravity	: 0.90 ± 0.05 gm/cc.
Percent Volatile	: None at ambient conditions.
Evaporation Ratio	: None at ambient conditions.
Solubility on water	: Water-insoluble.
Appearance	: Dark Liquid or Semisolid material

SECTION 10

Stability and Reactivity:

Material generally considered stable. Avoid heating beyond 80° C unless it is being used in the process. On its own at ambient conditions, no hazardous decomposition expected.

SECTION 11

The product is non toxic, non hazardous, non flammable in the usage for which it is intended LD50 limits are well beyond hazardous range based on reported information on ingredients in products. (LD50 Oral-Mouse above 10,000 mg/kg.)

Ecological Information / Disposal :

The product is water insoluble, biodegradable, non-polluting, non-toxic, in case of accidental spillage wash with lot of hot water. Since the product is Oily in nature any disposal as such may need normal form of effluent treatment for neutralization of its Oily nature.

Transport Information :

Product is not a hazardous material and hence does not need any specific prescribed mode of transportation.