

SAFETY DATA SHEET

CHAMPION FLOCCULANT KIBBLED

MAAA755

1. Identification of the substance/preparation and of the company/undertaking

Product name	: CHAMPION FLOCCULANT KIBBLED	Supplier	: Albion Chemical Distribution Albion House Rawdon Park Green Lane Yeadon Leeds LS19 7XX
Chemical product name	: ALUMINIUM TRISULPHATE, HYDRATED		
Synonyms	: CAKE ALUM		
EMERGENCY ONLY TELEPHONE NUMBER	: (N.C.E.C. CULHAM) 01865 407333	Telephone No.	: (0113) 3879200
		Fax No.	: (0113) 3879280
		Molecular Mass	: 342.1

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) ALUMINIUM TRISULPHATE, HYDRATED	10043-01-3		233-135-0	Xi	R36/37/38

* Occupational Exposure Limit(s), if available, are listed in Section 8

Composition

TYPICAL ANALYSIS:

% w/w	
ALUMINIUM OXIDE (Al ₂ O ₃)	17.1
SULPHUR TRIOXIDE (SO ₃) COMBINED	39.4
WATER	43.5
IRON OXIDE (Fe ₂ O ₃)	0.2 (MAX)
FRACTIONS:- 10mm - 85mm	

CAS No.

10043-01-3

EINECS Number

233-135-0

3. Hazards identification

Human health hazards : Irritating to eyes, respiratory system and skin.

4. First-aid measures

First-Aid measures

Inhalation

: Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, give artificial respiration. Do not use mouth to mouth ventilation. Obtain medical attention urgently.

Ingestion

: Wash out mouth with water. Give sips of cold water or milk to soothe the affected parts. Ingested acid must be diluted by approximately x 100, to render harmless to tissues. Do not induce vomiting. Obtain medical attention.

Skin contact

: Wash skin with water. Remove contaminated clothing as washing proceeds. Obtain medical attention if blistering occurs or redness persists.

Eye Contact

: Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention urgently.

Effects and symptoms

Inhalation

: Exposure to dust may have the following effects:- severe irritation of nose, throat and respiratory tract. chest pains. bronchospasms. pulmonary oedema.

Ingestion

: Aspiration during swallowing or vomiting may severely damage the lungs.
Swallowing may have the following effects:- irritation of mouth, throat and digestive tract. gastrointestinal irritation.

Skin contact

: Material will cause severe irritation and may cause chemical burns. Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

Eye Contact

: Dust will cause conjunctival irritation and possibly corneal damage.

Notes to physician

: Following ingestion, treat with milk of magnesia and water.

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5. Fire-fighting measures

Extinguishing Media

- Suitable** : Select extinguishing agent appropriate to other materials involved.
- Unusual fire/explosion Hazards** : Hazardous Combustion Products : SULPHURIC ACID, SULPHUR DIOXIDE

This product may give rise to hazardous fumes in a fire.

- Hazardous thermal (de)composition products** : Heating may produce: oxides of sulphur. toxic and acidic fumes.

- Special fire-fighting procedures** : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

- Protection of fire-fighters** : Wear full protective clothing and self-contained breathing apparatus.

6. Accidental release measures

- Personal Precautions** : Wear appropriate protective clothing. Wear respiratory protection. Ventilate the area to dispel possible toxic decomposition fumes.

- Environmental precautions and cleanup methods** : Sweep up into suitable containers for recovery or disposal. Finally flush area with plenty of water.

- : Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

7. Handling and storage

- Handling** : Use in well ventilated area. Avoid contact with eyes, skin and clothing. Emergency shower and eye wash facilities should be readily available.

- Storage** : Storage area should be: cool. dry. well ventilated.
The product is available in paper sacks. Store on pallets away from moisture and contact with steam pipes.
Do not store in:- mild steel. metal drums.

Packaging materials

- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

- Workplace Exposure Limits** : Not available.

Personal protective equipment

- Respiratory system** : Dust respirator.

- Skin and body** : Wear: dust-proof overall with hood. rubber boots.

- Hands** : PVC or rubber gloves.

- Eyes** : Chemical goggles.

9. Physical and chemical properties

- Physical state** : Solid. Crystals.

- Colour** : White.

- Odour** : Strong. Pungent. Rotten eggs.

- Boiling point** : Decomposes

- Melting point** : 770

- Density** : Not available.

- Solubility** : 430g/100cc

- pH** : 3.0 - 3.6 (1% solution)

- Flash point** : Not available.

10. Stability and reactivity

- Stability** : The product is stable.

- Materials to avoid** : Alkalis. Water.

- Hazardous decomposition products** : Heating may produce: oxides of sulphur. toxic and acidic fumes.

11. Toxicological information

Local effects

- Skin irritation** : Hazardous in case of skin contact (irritant).
Eye irritation : Hazardous in case of eye contact (irritant).
Acute toxicity : Low order of acute toxicity.

12. Ecological information

- Ecotoxicity** : The product is expected to be practically non-toxic to aquatic species. High concentrations injure aquatic life by effect on pH.

13. Disposal considerations

- Methods of disposal ; Waste of residues ; Contaminated packaging** : Dispose of in accordance with all applicable local and national regulations.

- Waste Classification** : Not applicable.

14. Transport information

International transport regulations

- UN :** **UN number** Non hazardous for transport.

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Classification : Irritant

Risk Phrases : R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of: water.
S37/39 Wear suitable gloves and eye/face protection.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY

(Please note that dates are in American format [month/day/year])

- Date of printing** : 17/11/2006.
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Prepared by : Michael Hale / Alistair Hunter

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