

Material Safety Data Sheet

BELMONT 2.7 FS

Version 1.3 Revision Date: 06.05.2015 MSDS Number: 000000004782 Country: CA
Language: EN

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : BELMONT 2.7 FS
Product code : 000000004782
Chemical nature : Mixture

Manufacturer or supplier's details

Company name of supplier : MacDermid Agricultural Solutions, Inc
Address : 245 Freight St
Waterbury, CT United States of America 06702
Telephone : (800) 423-8569

Recommended use of the chemical and restrictions on use

Recommended use : Fungicide
Restrictions on use : Agriculture, For professional users only.

Prepared by :
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SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

DANGER!	
Appearance	liquid
Colour	light brown
Odour	musty
Hazard Summary	May cause an allergic skin reaction. Harmful if inhaled. May cause cancer. Harmful to aquatic organisms.

WHMIS Regulatory status : This product, material or substance is considered a WHMIS controlled product per Sections 33 - 66, Part IV of the CPR.

Potential Health Effects

Inhalation : Harmful if inhaled.
Skin : May cause allergic skin reaction.
May cause skin irritation.
Eyes : May cause eye irritation.

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Chronic Exposure : Cancer

Aggravated Medical Condition : None known.

Symptoms of Overexposure : Allergic reactions
Skin irritation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
metalaxyl	57837-19-1	28.98
kaolin	1332-58-7	>= 1 - < 5
ethanol	64-17-5	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

If inhaled : If breathed in, move person into fresh air.
Give oxygen or artificial respiration if needed.
Call a POISON CENTER or doctor/ physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with warm water.
If skin irritation persists, call a physician.
Wash contaminated clothing before re-use.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,
for at least 15 minutes.
Call a physician if irritation develops or persists.

If swallowed : Do NOT induce vomiting.
Drink 1 or 2 glasses of water.
Never give anything by mouth to an unconscious person.
Call a POISON CENTER or doctor/ physician.

Notes to physician : The first aid procedure should be established in consultation
with the doctor responsible for industrial medicine.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Extinguishing media - large fires
Alcohol-resistant foam

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(on small fires)
Carbon dioxide (CO2)
Dry chemical
Water spray

Unsuitable extinguishing media : Water spray jet

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : Do not discharge extinguishing waters into streams, rivers and lakes.

Special protective equipment for firefighters : Body covering protective clothing, full "turn-out" gear.
Self-contained breathing apparatus (EN 133)

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Avoid contact with skin and eyes.

Environmental precautions : Prevent leaks and prevent soil / water pollution caused by leaks.

Methods and materials for containment and cleaning up : Absorb on inert material such as sand, earth, vermiculite.
Collect for disposal.
Dam up.
Large spills should be collected mechanically (remove by pumping) for disposal.
Pump excess material into suitable container (metal drums, metal tank, or such).

In accordance with local and national regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Do not eat, drink or smoke when using this product.
Avoid contact with skin, eyes and clothing.
Avoid inhalation of vapour or mist.
Use with adequate ventilation.
Wash thoroughly after handling.
Wash thoroughly after handling.

Conditions for safe storage : Keep in a dry, cool place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type	Control parameters	Basis
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		(Form of exposure)	/ Permissible concentration	
kaolin	1332-58-7	TWA (Respirable)	2 mg/m ³	CA BC OEL
		TWAEV (Respirable)	2 mg/m ³	CA ON OEL
		TWA (Respirable)	2 mg/m ³	CA AB OEL
		TWAEV (respirable dust)	5 mg/m ³	CA QC OEL

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Remarks : Impervious gloves

Eye protection : Safety glasses with side-shields

Skin and body protection : Preventive skin protection

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures : Provide adequate ventilation.
Wash face, hands and any exposed skin thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : light brown

Odour : musty

Odour Threshold : No data available

pH : 6.5 - 8.8

: No data available

: No data available

Flash point : Not applicable Aqueous system

Evaporation rate : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

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Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 1.094 g/cm³

Solubility(ies)

 Water solubility : soluble

 Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

 Viscosity, dynamic : No data available

 Viscosity, kinematic : No data available

Self-Accelerating decomposition temperature (SADT) : Method: No information available.

SECTION 10. STABILITY AND REACTIVITY

Incompatible materials : Strong acids and strong bases

Hazardous decomposition products : Carbon oxides
Nitrogen oxides (NO_x)

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation
Skin contact
Skin Absorption

Acute toxicity

Product:

Acute oral toxicity : LD₅₀ (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC₅₀ (Rat): > 21.94 mg/l
Exposure time: 1.0 h

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Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Components:

kaolin:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

Skin corrosion/irritation

Product:

Species: Rabbit

Exposure time: 72 h

Remarks: Moderate skin irritation

Serious eye damage/eye irritation

Product:

Species: Rabbit

Remarks: Risk of serious damage to eyes.

Respiratory or skin sensitisation

Product:

Assessment: May cause sensitisation by skin contact.

Germ cell mutagenicity

Product:

Germ cell mutagenicity - Assessment : No data available

Carcinogenicity

Product:

Carcinogenicity - Assessment : May cause cancer.

Components:

kaolin:

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No data available

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STOT - single exposure

Product:

Remarks: No data available

STOT - repeated exposure

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

kaolin:

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 1,100 mg/l
Exposure time: 48 h

Persistence and degradability

No data available

Bioaccumulative potential

Components:

ethanol:

Partition coefficient: n-octanol/water : log Pow: -0.3

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : In accordance with local and national regulations.
The product should not be allowed to enter drains, water courses or the soil.

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SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION

WHMIS Classification

: D2B: Toxic Material Causing Other Toxic Effects
This product is registered under the Pest Control Products Act and is therefore exempt from WHMIS supplier labeling and MSDS requirements. Please read entire MSDS and product label for safety precautions.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Carechem24 International Worldwide Coverage

Emergency Phone Number

<u>Europe:</u>	All European Countries	+44 (0) 1235 239 670 (NCEC)
<u>Asia Pacific:</u>	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558
	New Zealand	+64 9929 1483
	China	+86 532 8388 9090
	China Taiwan	+86 10 5100 3039
	Japan	+81 345 789 341
	Indonesia	00780 3011 0293
	Malaysia	+60 3 6207 4347
	Thailand	001800 1 2066 6751
	Korea	+65 3158 1285 +82 (0)234 798 401
	Vietnam	+65 3158 1255
	India	+65 3158 1198 +91 1166 411 405
	Pakistan	+65 3158 1329
	Philippines	+65 31581203
	Sri Lanka	+65 3158 1195
	Emergency Phone Number	+65 3158 1200
<u>Middle East / Africa:</u>	Arabic speaking countries	+44 (0) 1235 239 671
	South Africa	+27 21 300 2732
	All other countries	+44 (0) 1235 239 670
<u>America</u>	United States of America and Canada	+1866 928 0789 +1 215 207 0061
<u>Latin America:</u>	Brazil	+55 113 711 9144
	Mexico	+52 555 004 8763
	Chile	+56 225 829 336
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