



Safety Data Sheet

Bone Flour

UPDATED: 19 July 2020

Section 1: SUBSTANCE IDENTIFICATION & SUPPLIER

Product Name:	Bone Flour
Other Names:	Meat and Bone Meal, Meat Meal, Blood Meal
Recommended Use:	Organic Fertiliser
Company Identification:	Morton Smith - Dawe Limited
Address:	396 Wigram Road, Halswell, Christchurch PO Box 37 - 139 Halswell
Customer Centre:	03 322 8117
National Poisons Information Centre:	0800 POISON (0800 764 766)
Emergency Phone Number:	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Transport Emergency Phone Number:	111 - Tell operator what service is needed: Fire, Ambulance or Police

Section 2: HAZARD IDENTIFICATION

Statement of Hazardous Nature:	Not classified as hazardous
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Section 3: COMPOSITION IDENTIFICATION

Dehydrated Animal Protein and Bone or Blood from Ovine, Bovine, Cervine and mixed species.

INGREDIENT	CAS No.	CONTENT
Crude Protein	-	45%
Fat	-	15%
Moisture	-	10%
Ash	-	38%

Section 4: FIRST AID MEASURES

Routes of Exposure:	
If in eyes:	Immediately rinse with clean water for 15 minutes. Obtain medical attention if symptoms develop or persist.
If on skin	Wash affected area with soap and water.
If Ingested:	Not considered a hazardous material
If Inhaled:	Remove from source to fresh air.

Section 5: FIRE FIGHTING MEASURES

Hazard Type	Not Available
Hazardous Combustion Products:	Not in itself combustible, but in intense heat may release toxic fumes.
Extinguishing Media:	Use foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable, as such extinguishing media should also be chosen as appropriate for surrounding materials.
Protective Equipment:	Wear suitable self-contained breathing apparatus.
HAZCHEM Code:	None allocated.

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Spillages should be swept up gently to avoid raising dust and placed in a suitable marked container and used for its purposes if possible. Contaminated material can be disposed of in an approved land fill, in accordance with local regulations depending on type and extent of contamination.
Protective Clothing:	Gloves, Eye protection, Suitable respirator if dust is generated during handling
Environmental:	Do not put in drains, sewers or watercourses.

Section 7: HANDLING AND STORAGE

Handling:	Locate away from sources of heat, fire and explosion.
Storage:	Store under cover, in original containers in a secure and well ventilated cool dry area. Store clear of foodstuffs and in a separate stack of herbicides. Store where ruminant animals (cattle, sheep, goats or deer) do not have access.

Section 8: EXPOSURE CONTROL / PERSONAL PROTECTION

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Exposure Limits:	Contains no hazardous components or considered a hazardous material or substance.
Personal Protection Equipment: Not Required.	

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Coarse Brown Powder
Odour:	Distinct Organic Odour
Odour Threshold:	Not Available
pH:	Not Applicable
Melting Point:	Not Available
Solubility in Water:	Insoluble
Flash Point:	Not Applicable

Boiling Point:	Not Applicable
Upper /Lower Explosive Limits;	Mixture is not classed as explosive
Vapour Pressure:	Not Available
Bulk Density:	0.9 g/ml
Auto ignition temperature:	Not Applicable
Decomposition temperature:	Not Available

Section 10: STABILITY & REACTIVITY

Stability:	Stable under normal conditions
Hazardous Reactions	No specific hazardous reactions known
Hazardous Decomposition Products:	No information available
Conditions to Avoid:	Extremes of temperature
Materials to Avoid:	No information available

Section 11: TOXICOLOGICAL INFORMATION

Hazard Classifications:	The mixture and its components are not considered to be hazardous to human health.
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Section 12: ECOLOGICAL INFORMATION

Toxicity:	Mixture not classified as harmful to aquatic life.
Persistence and degradability:	Expected to be biodegradable.
Bioaccumulative potential:	This substance is not expected to bioaccumulate.
Mobility in soil:	Not Available

Section 13: DISPOSAL INFORMATION

Waste Treatment Methods:	Disposal method in accordance with all applicable national environment laws and regulations.
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Section 14: TRANSPORT INFORMATION

UN Number:	Product is unclassified for transport
Proper Shipping Name:	Product is unclassified for transport
Transport Hazard:	Product is unclassified for transport
UN Packing Group:	Product is unclassified for transport
Environmental Hazards:	Product is unclassified for transport
Special Precautions For User:	Not Available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	Applicable for Maritime bulk transport only. Check with carrier.

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

This substance/mixture is classified and labelled in accordance with Regulation EC 1272/2008, Directive 1999/45/EC, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown and supersedes all previous versions.

Disclaimer

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Please contact Morton Smith - Dawe, if further information is required.

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