

SAFETY DATA SHEET

According to Regulation 2015/830

FAT ATTACK POWDER

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Version 5
Issue Date: 28/02/2018
Supersedes Version 4 dated 15/02/2018

Section 1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND THE COMPANY/ UNDERTAKING

- 1.1. Product identifier** Fat Attack Powder
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Microorganism concentrate for waste treatment use
- 1.3. Details of the supplier of the safety data sheet**
Taylormade.ie
Unit 1, The Stables,
Ballygorey,
Mooncoin,
Co. Kilkenny

info@taylormade.ie
- 1.4. Emergency telephone number Telephone**
0818 336633

Section 2. HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture**
Classification according to 1272/2008/EC
This material is not classified as hazardous according to Regulation 1272/2008/EC as amended on classification, labelling and packaging of substances and mixtures.
- 2.2. Label elements**
Labelling according to 1272/2008/EC
No Hazard Pictograms, Signal words, Hazard statements or Precautionary statements required.
- 2.3. Other hazards** May cause mechanical irritation of the eye.
May form an explosible dust-air mixture if dispersed

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1. Substances**
Not applicable, material is a mixture
- 3.2. Mixtures**
This mixture does not meet the criteria for classification in accordance with Regulation 1272/2008.
It does not contain at >1% (by weight for a non-gaseous mixture) any substance that presents a health or environment hazard within the meaning of Regulation 1272/2008, nor substances for which Union workplace exposure limits have been assigned (Reference: Section 3.2.2. of Annex II of 830/2015).

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Therefore as no substances are indicated in Subsection 3.2 of this SDS, no registration numbers as assigned under Article 20 (3) of the REACH Regulation (EC No. 1907/2006) are given.

Section 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye Contact Rinse immediately with water holding the eyelids open.

Skin Contact Wash off with soap and water. No need for first aid is anticipated.

Inhalation Move the exposed person to fresh air.

Ingestion Rinse mouth thoroughly. No need for first aid is anticipated.

Seek medical attention if any symptoms persist.

4.2. Most important symptoms and effects, both acute and delayed

May cause mechanical irritation of the eye.

4.3. Indication of any immediate medical attention and special treatment needed

No special treatment required

Section 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media Product is predominantly an inert inorganic powder and is not flammable. Use extinguishing media appropriate to the surrounding fire conditions. Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture

5.2. Special hazards arising from the substance or mixture

Product is a predominantly an inert inorganic powder that is not expected to burn or create special hazards

5.3. Advice for firefighters Wear full protective clothing and suitable respiratory equipment when necessary

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No special protective clothing required.

6.2. Environmental precautions

Do not allow large amounts (i.e. more than 20 kg) of product to enter drains undiluted. Do not allow spillages to enter an open water course or surface water in an uncontrolled manner. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Small spillages (<20 kg) can be washed to drain with water (but preferably not to one that leads to an open water course or surface water). For larger spillages, sweep up and transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

See sections 8 and 13 for additional information

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Section 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wash thoroughly after handling. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid conditions where a combustible dust air mixture may be generated.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers

7.3. Specific end use(s)

No exposure scenario currently available

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No exposure limits applicable to components in this product

8.2. Exposure controls

Engineering measures

Normal use of the product, i.e. dosing of small quantities, is not expected to generate significant dust. However, if use patterns do generate dust, ensure adequate ventilation of the working area

Respiratory protection

If use means that dust is generated, wear suitable half mask respirator with filter P2 (EN143)

Hand protection

No chemical resistance gloves required

Eye protection

None required

Protective equipment

No special protective clothing required.

Environmental measures

Do not allow large amounts of product to enter open water courses or surface water in an uncontrolled manner

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Off white powder

Odour

Slight

Odour threshold

Not determined

pH

(of 1% solution) 7-8

Melting point/freezing point

Approx 800°C

Initial boiling point and boiling range

Approx 1400°C

Flash point

Not applicable product predominantly an inert inorganic solid

Evaporation rate

Contains no volatile material

Flammability (solid, gas)

Not a flammable solid

Upper/lower flammability or explosive limits

Not applicable, see above

Vapour pressure

No vapour expected under normal use conditions

Vapour density

Not applicable, see above

Relative density

Approx. 2.0

Solubilities

Totally soluble/dispersible in water

Partition coefficient n-octanol/water

Not applicable product predominantly an inert inorganic solid

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Autoignition temperature	Not applicable product predominantly an inert inorganic solid
Decomposition temperature	>1400°C
Viscosity	Not applicable, product is a powder
Explosive properties	No ingredients with explosive properties
Oxidising properties	No ingredients with oxidising properties
9.2. Other information	None available

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity	No specific hazard
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	No hazardous reaction are expected
10.4. Conditions to avoid	Not determined
10.5. Incompatible materials	None known
10.6. Hazardous decomposition products	None known

Section 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

a) Acute toxicity

Estimated oral ATE for mixture is >110,000 mg/kg.

b) Skin corrosion/irritation: Mixture not classified as corrosive to skin or causing skin irritation.

c) Serious eye damage/irritation: Mixture not classified as causing serious eye damage or irritation.

d) Respiratory or skin sensitisation: Does not contain ingredients classified as respiratory or skin sensitisers.

e) Germ cell mutagenicity: Does not contain ingredients that are known germ cell mutagens

f) Carcinogenicity: Does not contain ingredients that are known carcinogens

g) Reproductive toxicity: Does not contain ingredients that are known reproductive toxicants

h) STOT single exposure: Does not contain ingredients that are known to cause single target organ toxicity with single exposure

i) STOT repeated exposure: Does not contain ingredients that are known to cause single target organ toxicity with repeated exposure

j) Aspiration hazard: Does not contain ingredients that are known to cause aspiration hazards

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Does not contain ingredients that are toxic or harmful to the aquatic environment, so no classification of mixture is required for acute or chronic effects

12.2. Persistence and degradability

Product is predominantly an inert inorganic material and given the nature of the ingredients and their concentration in the mixture, no issues with persistence or degradability are expected.

12.3. Bioaccumulative potential

Given the classification and environmental behavior information on the ingredients and their concentration in the mixture, product is not expected to bioaccumulate

12.4. Mobility in soil

Product is soluble and dispersible in water: not expected to be retained in soil to any significant extent

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12.5. Results of PBT and vPvB assessment

Not anticipated to be PBT or vPvB

12.6. Other adverse effects

None known

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Small quantities of product (up to 20kg on any one occasion) can be disposed of to drain (but preferably not one that leads to an open water course or surface water) with a 10 times dilution with water. Small quantities of product (<20kg) can also be disposed of with normal refuse.

Section 14. TRANSPORT INFORMATION

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

None required

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Section 15. REGULATORY INFORMATION

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

The microorganisms in this product are all Group 1 (i.e. considered unlikely to cause human disease) according to EU Directive 2000/54/EC and related legislation.

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC 648/2004 on detergents. Data to support this statement are held at the disposal of the competent authorities of the Member States.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture.

No exposure assessment is required on this SDS since the product contains only substances that are:

- a) Produced overseas and imported by our company, but quantities have not yet reached the 1 tonne/yr threshold at which REACH registration is required
- b) Outside the scope of REACH because they are substances that occur in nature that have not been chemically modified (REACH Annex V)
- c) Not classified for health or environmental risks according to the Article 14(4) of REACH hazard classes, categories or properties and therefore do not need the additional steps such as exposure assessment, including the generation of exposure scenario(s) within the chemical safety assessment for the substance

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Section 16. ADDITIONAL INFORMATION

Revision	This SDS has been revised to bring it into compliance with Regulation 2015/830. Sections that have been updated are identified by a black sidebar in the right hand margin.
Method used to classify:	Mixture has been classified by reference to information on ingredients
References	<p>Annex II Annex II of (EU) No 453/2010 http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF</p> <p>Commission Regulation (EU) 2015/830 http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32015R0830&from=EN</p> <p>Regulation E (EC) No 1907/2006 http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2006R1907:LATEST:EN:PDF</p> <p>European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 3.1, November 2015 https://echa.europa.eu/documents/10162/23036412/sds_en.pdf/01c29e23-2cbe-49c0-aca7-72f22e101e20</p>
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.