

PRODUCT SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name: Spill Kill Super Absorbent Powder

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Absorbent powder for the containment and clean-up of liquid spills

Uses advised against: All non-professional uses

1.3. Details of the supplier of the safety data sheet

Supplier Fosse Limited

Whetstone Magna

Lutterworth Road

Whetstone

Leicestershire

England

LE8 6NB

Tel: + 44 1116 2444940

Email: sales@fosse.co.uk

1.4. Emergency telephone number

Emergency Contact Number + 44 1116 2444940

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2. Label Elements

Signal Word None

Hazard Statements None

Precautionary Statements None

Hazardous components which must be listed on the label: None

2.3 Other Hazards

Other hazards which do not result in classification None

The mixture does not meet the criteria for PBT or vPvB. See Section 11 and 12 for additional Toxicological information

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Mixture. No dangerous ingredients according to Regulation (EC) No. 453/2010

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice

No special precautions required.

Inhalation:

First Aid If breathed in, induce coughing. If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

Skin contact:

First Aid Wash off with soap and water.

Eye contact:

First Aid Hold eye open and rinse slowly and gently with water for 15-20 min, also under the eyelids, and call a physician. Seek medical attention if particles are still lodged in eye.

Ingestion:

First Aid Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, consult a physician.

4.2. Most important symptoms and effects, both acute and delayed None known.

4.3. Indication of any immediate medical attention and special treatment needed None known.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media Does not pose any restrictions on the extinguishing media to be used in cases of fire in its vicinity. Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable Extinguishing media -

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

Under fire conditions: Carbon oxides

Specific hazards: -

5.3. Advice for fire-fighters

Protective equipment for fire-fighters:

In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment designated for the area.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid contact with skin and eyes.

Information regarding personal protective measures see, section 8.

6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater. Will readily block drains if spilt in sufficient quantities.

6.3. Methods and material for containment and cleaning up

Avoid dry sweeping and use vacuum cleaning system to prevent airborne dust formation. Wear breathing masks and safety goggles during cleaning up in compliance with national legislation.

6.4. Reference to other sections

For emergency contact see section 1.

For information on personal protective equipment see section 8.

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep container tightly closed. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Smoking eating and drinking should be prohibited in the application area.

Wash hands before breaks and at the end of workday. Ensure sufficient ventilation and use appropriate PPE such as close sealed eye protection, overalls, gloves and respiratory protection if dust is created. Provide adequate ventilation. Avoid contact with the skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Minimise airborne dust generation and prevent wind dispersal during use. Keep only in the original container. Keep containers tightly closed in a dry and cool place. Keep away from heat. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed. Handle in accordance with good industrial hygiene and safety practice.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components with workplace control parameters.

	WEL TWA -8HRS	NIOSH REL
Dust	10mg/m ³ (total dust)	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
Quartz	0.1mg/m³	0.05 mg/m³

General safety and hygiene measures

No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse.

8.2. Exposure controls

Minimise airborne dust generation.

General safety and hygiene measures:

No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse.

Personal Protective equipment

Respiratory: In cases of prolonged exposure to airborne dust concentrations, wear respiratory protective equipment that complies with the requirements of European and national legislation i.e. Type FFP2.

Hands: Protective gloves if required and wash hands at the end of each work session.

Eye protection Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

Body Protection Protective work clothing. Soiled clothing must be adequately laundered to avoid becoming a dust source.

Skin Protection Skin protection compounds recommended for workers who suffer from dermatitis or sensitive skin.

Environmental exposure controls

Do not flush into surface water or sanitary sewer system.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES9.1. Information on basic physical and chemical properties

Physical state Powder

Colour White

Odour Odourless

Density (g/ml) Approx 100 -200 kg/m³ (20 °C)

pH Approx. 7 – 9

Water Solubility Essentially insoluble

Melting point/range No data available

Boiling Temperature No data available

Flash point Not applicable

Explosion Hazard No data available

Decomposition temperature No data available

Viscosity Not applicable

9.2. Other information

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity Stable under recommended storage conditions.

10.2. Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No known incompatibility leading to hazardous reactions.

10.4 Conditions to Avoid None in designated use.

10.5 Incompatible Materials None known.

10.6 Hazardous Decomposition Products

Other decomposition products - no data available. In the event of fire: see section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Oral: no data available.

Inhalation: no data available.

Dermal: no data available.

Further toxicological information

Repeated dose toxicity: no data available

Skin Corrosion/Irritation:

This product is not expected to be irritating.

Eye irritation:

Mild irritant to eyes, from particle effects.

Respiratory/Skin sensitization:

May cause a mild irritation of the upper respiratory part and is not considered to be a skin sensitiser.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Teratogenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

Target Organs:

With the concentration of quartz being less than 1% in this product, overexposure to quartz is not expected at the given concentrations present, but quartz / cristobalite is a confirmed human carcinogen. Repeated inhalation of quartz over time may cause fibrotic lung disease and respiratory cancer.

Additional Information:

Handle in accordance with good industrial hygiene and safety practice.

Health injuries are not known or expected under normal use.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Based on field studies this product is not toxic and not classified as harmful to aquatic life.

12.2 Persistence and degradability

Biological degradability: Not biodegradable

Hydrolysis: No data available

Photolysis: No data available

12.3 Bio accumulative potential

Bio accumulative potential: Does not bio accumulate

12.4 Mobility in soil no data available

12.5 Results of PBT and vPvB assessment

According to Annex XIV of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bio accumulative/toxic) criteria or the vPvB (very persistent/very bio accumulative)

12.6 Other adverse effects

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The residues/unused product can be disposed in landfills following national and local regulations. Dispose in such a way to avoid dust generation. Where possible, recycling should be preferred to disposal.

Product used to absorb spills should be disposed of as regulated by the substance absorbed.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN Number Road Not dangerous goods

UN No. (IMDG) Not dangerous goods

UN No. (ICAO) Not dangerous goods

14.2. UN proper shipping name

Proper Shipping Name -

14.3. Transport hazard class(es)

ADR/RID/ADN Class -

ADR/RID/ADN Class -

ICAO Class/Division -

14.4

ADR/RID/ADN Packing group -

IMDG Packing group -

ICAO Packing group -

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No

14.6. Special precautions for user

Tunnel Restriction Code -

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

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

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

All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

The substance or preparation is not dangerous according to the European Chemical Legislation.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

16. Other Information

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

Further information This Product Safety Data Sheet is in compliance with EU Regulation No. 1272/2008

For further information please consult available product documentation

Disclaimer The information provided on this Product 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of the company, it is the responsibility of the customer to determine the conditions of safe use of these products.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

Date of Receipt:	Date of Report: 14.03.18	Report No:ANLCOS1051
Customer: FOSSE LIQUITROL, Whetstone Magna, Lutterworth Road, Whetstone, Leicestershire, LE8 6NB. sales@fosse.co.uk		
Job No:	PO No:	
Sample /Batch	ABSOLUTE SPILL KIT	
Sample Date:-	14.03.18	
Ingredients:-		

SCOPE OF TEST: TEST PERFORMED TO EN1276 PRODUCT USED NEAT ON A SURFACE TIME OF 5 MINUTES. BACTERIA COUNT THEN PERFORMED.
TEST RESULTS TO EN 1276

TEST ORGANISM	Log10 Initial Count (mean)	Contact Time	Log ₁₀ Reduction Achieved					
			Clean Conditions (0.3% w/v albumin)			Dirty Conditions (3% w/v albumin)		
			Test 1	Test 2	Mean	Test 1	Test 2	Mean
PSEUDOMONAS AERUGINOS	7.00	1 min	7.00	7.00	7.00	7.00	7.00	7.00
		5 mins	7.00	7.00	7.00	7.00	7.00	7.00
ESCHERICHIA COLI	7.00	1 min	7.00	7.00	7.00	7.00	7.00	7.00
		5 min	7.00	>7.00	7.00	7.00	>7.00	7.00
STAPHYLOCOCCUS AUREUS	6.50	1 min	6.50	6.50	6.50	6.50	6.50	6.50
		5 min	6.50	6.50	6.50	6.50	6.50	6.50
ENTEROBACTERIACEAE	6.50	1 min	6.50	6.50	6.50	6.50	6.50	6.50
		5 mins	6.50	6.50	6.50	6.50	6.50	6.50

To meet the requirements of EN 1276 at least a 5 Log₁₀ reduction in all test bacteria within 5 minutes is required.

99.999% Killing power or (5 log reduction)	99.99% Killing power or (4 log reduction)	90% Killing power or (2 log reduction)
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CONCLUSION

According to EN 1276 this batch of **ABSOLUTE SPILL KIT** when used neat, possesses satisfactory bactericidal activity in 5 minutes at 20 o C against the reference gram-negative organisms detailed. **The results show that the products demonstrate high activity against the test bacteria and fulfil the requirements of EN 1276 following the test method as described in EN 1276, reaching 90.00% Killing Power**

TECHNICAL CENTRE:- Whetstone Magna, Lutterworth Road, Whetstone, LEICS. LE8 6NB
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