

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF THE SUBSTANCE/PREPARATION

This MSDS covers products: 11-1061

Trade Name: Lubetech XR40 Absorbent Granule, 15 Litre Bag

Brand: Granules

Supplied By: Lubetech
Unit 4, Wellington Park
Hedge End, Southampton
Hampshire
SO30 2QU

Telephone: +44 (0) 2380 274 123

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name, Classification and Remarks	CAS Number	Percentages
Attapulgite Clay. Asbestos free.	12174-11-7	100 % wt

HAZARDS IDENTIFICATION

Classification

This product is not dangerous preparation according to Directive 1999/45/EC.
Constituents/compounds not listed in Annex VI of the Regulation (EC) 1982/2008.

Potential Adverse Human Health Effects

This product may generate dust during handling and use. As any natural occurring mineral, attapulgite may contain quartz (crystalline silica). Long term overexposure to crystalline silica dust may cause silicosis. This product, because of its coarse particle size, has very low respirable fraction and the content in respirable crystalline silica is negligible.

Target Organs

Eyes and Skin (irritation risk). Pulmonary System (irritation and chronic risk)

Protective Measures

In case of exposure to high level of airborne dust, it is recommended the use of safety glasses and approved dust respirator.

Use in well ventilated areas. Avoid breathing dust and contact with eyes. It is recommended the use of latex or chemical resistant gloves in handling.

Potential Adverse Effects for Environment

No specific adverse effects are known

FIRST AID MEASURES

Emergency Medical Treatment:

No special instructions are required.

Special Provisions:

No special requirements.

FIRST AID

Eye Contact:

Flush with plenty of flowing water. Seek medical attention if irritation persists.

Skin Contact:

Wash off with water.

Inhalation:

Allow resting in a well-ventilated area if high concentration is inhaled and mechanical irritation or discomfort occurs. Seek medical attention if irritation persists.

Ingestion:

Provide symptomatic treatment and seek medical attention.

SYMPTOMS AND EFFECTS

Eye Contact:

May cause irritation.

Skin Contact:

None expected in normal conditions.

Inhalation:

Mechanical Irritation.

Ingestion:

None expected in normal conditions.

FIRE FIGHTING MEASURES

General Advice:

Non flammable, non explosive.

Suitable Extinguishing Media:

Suitable: All extinguishing media can be used

Not to be used: None known

Combustion Products:

Not applicable.

ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid dust formation.

Avoid breathing dust and contact with eyes.

Use safety glasses and respiratory protection in case of high level airborne

Environmental Precautions:

This product is based on natural clay and no special precautions are required.

Spill Procedures

Soil: Scoop up or vacuum soil spillages, if appropriated, use gentle water spray to wet down.

Water: Clean up any spillage.

Disposal

Place in a closed container prior to disposal. Can be land filled in compliance with local regulations

HANDLING AND STORAGE

Precautions in handling and storage

Use good housekeeping practices to avoid generating airborne dust. Do not breathe dust. Avoid contact with eyes

HANDLING

Technical Measures:

No special requirements.

Fire/Explosion Controls:

No special requirements.

Advice for Safe Handling:

Handle in accordance with good industrial hygiene and safety procedures.

Incompatible Products:

None expected.

STORAGE

Suitable Storage Circumstances:

Store in dry area.

Storage – away from:

No special requirements.

Recommended Packing Materials:

No special requirements.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:	Avoid eye contact
Hand Protection:	Gloves not normally required
Skin Protection:	Not Applicable
Respiratory Protection:	Suitable respiratory masks are recommended where high dust levels are created
Ingestion:	Not Applicable
Recommended Ventilation:	Not normally applicable
Special Instructions:	Keep out of reach of children

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light cream granules
Odour:	Odourless
pH (10% in water):	9.5 ± 0.5
Boiling Point:	Not applicable
Flash Point:	Not applicable
Flammability:	Non-flammable
Explosive Properties:	None
Oxidising Properties:	None
Vapour Pressure:	Not applicable
Relative Density:	2.2 (Water = 1)
Solubility:	Insoluble in water. Insoluble in fats
Partition Coefficient:	Not applicable
Viscosity:	Not applicable
Vapour Density:	Not applicable
Evaporation Rate:	Not applicable
Melting/Sublimation Point:	Not available / Not applicable
Auto-Ignition Temperature:	Not applicable

STABILITY AND REACTIVITY

Stability Data:

This product is stable in normal conditions.

Hazard Reactions:

None expected.

Conditions to Avoid:

No special requirements.

Materials to avoid (Incompatibility):

None known.

Hazardous Decomposition:

No hazardous decomposition or by-products are expected but one of their natural components (dolomite or calcite) may generate CO₂ by reaction with acids or by thermal decomposition.

TOXICOLOGICAL INFORMATION**EFFECTS OF ACUTE EXPOSURE:****Eye contact:**

May cause irritation if exposed to large amounts of dust.

Skin contact:

Minor skin irritation may result from physical contact.

Sensitisation:

No adverse effects are known.

Ingestion:

No adverse effects are known.

Inhalation:

Inhalation of high concentrations of dust may cause slight mechanical irritation.

Additional Remarks:

No additional remarks.

EFFECTS OF CHRONIC OVEREXPOSURE:**Main Effects:**

Individual particle length of this attapulgite is shorter than 5µm. IARC has classified attapulgite dust (fibres below 5µm) as class 3 ("Cannot be classified as to carcinogenicity to Humans).

As any natural occurring mineral, attapulgite may contain quartz (crystalline silica). In 1997, IARC concluded that the respirable fraction of crystalline silica inhaled from occupational sources can cause lung cancer in humans. However, it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated (IARC Monographs, Vol 68)

In June 2003, the EU Scientific Committee on Occupational Exposure Limits (SCOEL) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis. Therefore preventing the onset of silicosis will also reduce the cancer risk...". (SCOEL SUM Doc 94-final, July 2003)

Other Effects:

No mutagenic, teratogenic or developmental toxicity effects are known

Additional Remarks:

There is body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits.

ECOLOGICAL INFORMATION

Ecotoxicity:

No specific adverse effects known

Mobility:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Other Adverse Effects:

None known.

DISPOSAL CONSIDERATIONS

Methods of Disposal:

Dispose of in a safe manner in accordance with local/national regulations.

In the case of use to control spillages of hazardous materials, it is recommended removing the product from the application area after use and disposing accordingly.

Contaminated Packages:

Dispose of in a safe manner in accordance with local/national regulations.

TRANSPORT INFORMATION

Shipping Name Not Regulated

Transport Classification

ADR: Not Classified

IMDG: Not Classified

ICAO/IATA: Not Classified

RID: Not Classified

REGULATORY INFORMATION

Trade Name: XR60 Attapulgite Industrial Spillage Absorbent

EEC Labelling: Not classified

Symbol(s): None

Contains: None

R-Phrases: None

S-Phrases: None

Annex I Number: Not Applicable

EEC Number(s): Not Applicable

OTHER INFORMATION

Regulatory Information:

The following UK Regulations as amended may affect the product as supplied:

- The Chemicals (Hazard Information and Packaging) Regulations 1994
- The Dangerous Substances (Conveyance by Road in Road Tankers/Tank Containers) Regulations 1992
- The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations 1994
- The Petroleum (Consolidation) Act 1928
- The Control of Substances Hazardous to Health Regulations 1994
- The Control of Pollution (Special Waste) Regulations 1980
- The Environmental Protection Act 1990
- The Health and Safety at Work Act 1974

Re-Issue Date/Reason for Re-Issue:

This is the first issue in this format.

Intended Use of Product:

Synthetic absorbent for containment and clean-up of liquid spills.

Limitations on Use of Products:

For industrial use only.

NOTES:

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law).

The information may not be valid for any use not referred to in this Date Sheet or use of the product in combination with other materials.

For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.