

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: **CHEMICAL ABSORBENT CUSHIONS**
 Article number: **AC141**

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

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: TYGRIS Industrial
 Unit 31, Kyle Road Industrial Estate
 Irvine
 Ayrshire
 KA12 8LE
 Tel +44 (0) 1294 311 066
 Email technical@tygrisindustrial.com

Further information obtainable from: Technical Department

1.4. Emergency telephone number: Tel +44 (0) 1294 311 066

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical composition:

POLYPROPYLENE FIBRE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	-	<99.5%

PIGMENT

-	-	-	-	<0.3%
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SURFACE ACTIVE AGENT (DIOCTYL ESTER OF SODIUM SUCCINATE)

-	-	-	-	<0.2%
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SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact: No specific measure to be taken.

Eye contact: Rinse with plenty of water for 10 minutes or more. Seek medical attention if symptoms persist.

Ingestion: No specific measure to be taken.

Inhalation: Remove to fresh air and rest. Seek medical attention if symptoms persist.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide, foam, dry powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Incomplete combustion may produce carbon monoxide and short/medium chain hydrocarbons, as with other petrochemicals.

5.3. Advice for fire-fighters

Protective equipment for fire-fighters: Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Re-pack into bags/cases or dispose of soiled material appropriately.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Incompatible only with strong oxidising agents, no other special requirements.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

POLYPROPYLENE DUST :

Permissible exposure level for respirable dust	Permissible exposure level for total dust concentration
-	10 mg/m ³

All constituents of chem sorbents are essentially non- hazardous; dust represents the only possible realistic hazard (nuisance only, suggested OEL 10mg.m-3) but should not present any problem in normal use, even if a filled product is accidentally broken open.

8.2. Exposure controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20°C:	Solid
Colour:	Various, see section 16
Odour:	Odourless
Melt point (°C):	160
Flammability:	Whilst combustible, these products exhibit a physical flame retardent effect due to their structure and melting properties - material will shrink away from ignition source faster than flame can propagate. Therefore they have been approved for various flammability-critical applications, e.g. in coal mines.
Ignition point (°C)	440
Bulk density (kg/m³):	approx. 0.1

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Hazardous reactions: May react violently with strong oxidizing agents & fuming acids.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products: See section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Symptoms / routes of exposure

Skin contact:	No data available.
Eye contact:	No data available.
Ingestion:	Expected to be extremely low.
Inhalation:	No data available.
Delayed / immediate effects	No data available.

SECTION 12: Ecological Information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal operations: Dispose of through authorised waste contractor in accordance with national legislation and local regulations as applicable, and taking into account nature of contaminant absorbed.

SECTION 14: Transport Information

Transport class: This product does not require a classification for transport.

SECTION 15: Regulatory Information

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

Specific regulations: Not applicable.

15.2. Chemical safety assessment

Chemical safety assessment: Classification in accordance with CHIP regulations 1993

SECTION 16: Other Information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Colours: In the case of filled products, a variety of mixed colours in the interior filling may show through to some extent - this is permitted for environmental and commercial reasons. The sorbent filling material, which is carefully specified and controlled under our Quality Management System, is produced from 100% recycled waste with consistent technical properties but not necessarily consistent colours. We do, however, limit the variety and strength of colours in filled products where such variations would be particularly unsightly.

Legal disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.