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

1.1. Product identifier

Trade name: **MAINTENANCE ABSORBENT ROLL – MEDIUM**

Article number: **AM123**

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

Other hazards: Flammable, but hardly ignitable substance. When burning, substance decomposes thermally under creation of toxic and irritant substances. Product may be charged electrostatically.

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical composition:

POLYPROPYLENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	9003-07-0	-	-	97.5%

3-(POLYOXYETHYLENE)PROPYLHEPTAMETHYLTRISILOXAN

-	67674-67-3	-	R: R 20, R 41, R 51/53 Symbol: Xn, Xi, N	2% (content >50%)

BLEND OF COLOUR CONCENTRATES

-	-	-	-	0.5% max

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact: No specific measure to be taken.

Eye contact: No specific measure to be taken.

Ingestion: No specific measure to be taken.

Inhalation: No specific measure to be taken.

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: Foam, powder, CO_2, in case of large fire water spray.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: When burning, creation of carbon monoxide and other toxic and irritant fumes (See pt. 10). Do not breath fumes. Additional information: caloricity 8 000 – 11 000 kcal/kg.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear full protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: No disposal.

6.2. Environmental precautions

Environmental precautions: Do not flush spilled material into drains.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: No disposal for clear product. Disposal of fouled product need to be done based on recommendation and on acquisition from the material safety data sheets of substances in sorbents after using.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Observe all fire-fighting measures (no smoking, do not handle with naked flame and remove all possible sources of ignition). Avoid dust formation and static electricity discharge. Wear recommended personal protective equipment. Observing common personal hygienic regulations is sufficient.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Storerooms should meet the requirements for the fire safety of constructions and electrical facilities and should be in conformity with valid regulations. Store in cool, well-ventilated and roofed storeroom, protected from direct sunshine. Recommended storage temperature: - 20°C to +30°C. Guaranteed shelf-life is 12 months while respecting the recommended storage conditions.

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
-	5 mg/m³

Recommended determination method in the workplace atmosphere for dust : gravity surveying, dust meter.

8.2. Exposure controls

Environmental: No special requirements, in case of risk of dust inhalation wear anti-dust respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20°C:	Solid
Colour:	Grey, yellow, pink, green
Odour:	Odourless
Flash point°C:	350 - 360
Inflammability:	Flammable
Lower explosion limit – PP dust (g/m^3):	12,6
Density (kg/m^3):	900 - 920
Solubility in water at 20°C (g/l):	Insoluble
Melt point (°C):	158 - 165
Ignition temperature (°C)	370 - 390
Ignition temperature of settled dust (°C):	350
Ignition temperature of turbid dust (°C):	440
Minimal initiatory ignition energy (J):	0,08
Combustion heat (MJ/kg):	44 - 46
Bulk density (kg/m^3):	40 - 50

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: No special information.

10.2. Chemical stability

Chemical stability: The product is stable.

10.3. Possibility of hazardous reactions

Hazardous reactions: No potential dangerous reaction.

10.4. Conditions to avoid

Conditions to avoid: The substance alone is stable at normal temperatures and conditions. Product may be charged electrostatically. Conditions to avoid: high temperature, sources of ignition, static electricity.

10.5. Incompatible materials

Materials to avoid: Chlorine, fluorine and other oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products: Thermal decomposition: at high temperature creation of substances with irritant or sensitisating effects possible.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

INTRAPERITONEAL	RAT	LD50	more than 110 000	mg/kg
INTRAVENOUS	RAT	LD50	more than 99 000	mg/kg

Symptoms / routes of exposure

Skin contact: Under incautious handling only mechanical irritation of skin may occur.

Eye contact: Under incautious handling only mechanical irritation of eyes may occur.

Ingestion: No data available.

Inhalation: Dust inhalation may irritate respiratory system.

Delayed / immediate effects No data available.

Other information Substance does not have any acute or chronic adverse effect on human health under ordinary handling conditions. Hot material may cause burns.

SECTION 12: Ecological Information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: 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: Product disposal in accordance with valid legislative regulations. Recommended waste disposal method: thermic decompose on incinerator dangerous wastes (according to chemical properties sorbtions substances).

Recovery operations: Not applicable.

Disposal of packaging: Recycling – moulding.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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: Regulation No. 1907/2006 of the European Parliament and of the Council (EC) concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency.
Act No. 356/2003 Sb. on chemical substances and chemical preparations.
Act No. 185/2001 Sb. on waste and on amendment of certain acts.
Act No. 258/2000 Sb. on the Protection of Public Health and on the amendments of some related acts, as amended.
Order-in-Coucil No. 178/2001 Sb., regulating Safety Occupational Health Conditions in the workplace, as amended.

SECTION 16: Other Information

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

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.