



SAFETY DATA SHEET

Meleco

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

1.1. Product identifier

Product name Meleco
Product code M2; M3; M4; M25

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

Identified uses Air freshener
Uses advised against Open cell foam eraser for professional use.

1.3. Details of the supplier of the safety data sheet

Supplier BioBax Ltd
Technology Park,
Standback Way,
Skelmanthorpe,
West Yorkshire
HD8 9GA
UK
Telephone Number: +44 (0) 1484 868970
Email: safety@biobax.co.uk

Manufacturer Same as supplier

1.4. Emergency telephone number

Emergency telephone Biobax Ltd: +44 (0) 1484 868 970 (office hours only)
National emergency telephone number 999 / 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

Human health The product is considered to be a low hazard under normal conditions of use.

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Composition comments No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation No specific symptoms known. Spray/mists may cause respiratory tract irritation.

Ingestion No specific symptoms known.

Skin contact No specific symptoms known.

Eye contact No specific symptoms known.

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

Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Water spray, foam, dry powder, carbon dioxide

Unsuitable extinguishing media Water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards Carbon monoxide, Carbon dioxide, formaldehyde...%, fumes/smoke, carbon black, toxic gases/vapours. Formation of further decomposition and oxidation products depends upon the fire conditions.

5.3. Advice for firefighters

Protective actions during firefighting Carbon monoxide, Carbon dioxide, formaldehyde...%, fumes/smoke, carbon black, toxic gases/vapours. Formation of further decomposition and oxidation products depends upon the fire conditions.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid dust formation. Avoid skin contact and inhalation of dust/aerosol.

6.2. Environmental precautions

Environmental precautions Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

6.4. Reference to other sections

Reference to other sections Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Protect against moisture. Avoid dust formation. Ensure thorough ventilation of stores and work areas. Protection against fire and explosion: No special precautions necessary.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polypropylene (PP)

Further information on storage conditions: Protect against moisture. Avoid direct sunlight.

Storage stability: May be kept indefinitely if stored properly

7.3. Specific end use(s)

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.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Components with occupational exposure limits

The limit values will not be achieved if the product is processed proper and suitable ventilation is provided. 50-00-0: formaldehyde...%

8.2. Exposure controls

Protective equipment



Eye/face protection

Required when there is a risk of eye contact., Safety glasses

Hand protection

Protective gloves against mechanical risks (EN 388)

Other skin and body protection

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Hands and/or face should be washed before breaks and at the end of the shift. Consult the company Industrial Hygienist for recommendations on exposure testing and personal protective equipment.

Respiratory protection controls

Breathing protection if dusts are formed. Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: Blocks, foam material

Colour: White

Odour: Odourless

Odour threshold:	Not determined
pH value:	Not applicable
Melting point:	The substance / product decomposes therefore not determined.
Boiling range:	The substance / product decomposes therefore not determined.
Sublimation point:	No applicable information available.
Flash point:	The substance / product decomposes therefore not determined.
Evaporation rate:	Not applicable. The product is a non-volatile solid.
Flammability:	Not highly flammable
Lower explosion limit:	For solids not relevant for classification and labelling., As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	For solids not relevant for classification and labelling., As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Ignition temperature:	> 580 °C (ASTM D1929)
Vapour pressure:	Not applicable
Density: approx.	4 - 12 g/l (20 °C, 1,013 hPa)
Relative density:	approx. 0.004 - 0.012 (20 °C, 1,013 hPa)
Relative vapour density (air):	Not applicable. The product is a non-volatile solid.
Solubility in water:	Not soluble (20 °C, 1,013 hPa)
Partitioning coefficient n-octanol/water (log Kow):	Not applicable
Self-ignition:	Not self-igniting
Thermal decomposition:	> 350 °C
Viscosity, dynamic:	Not applicable, the product is a solid
Viscosity, kinematic:	Not applicable, the product is a solid
Explosion hazard:	Not explosive
Fire promoting properties:	Not fire-propagating

9.2. Other information

Self heating ability:	It is not a substance capable of spontaneous heating.
Bulk density:	Not applicable

Other Information:

The product can absorb up to 100 times its own weight of liquid..

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise

10.4. Conditions to avoid

Conditions to avoid Avoid humidity

10.5. Incompatible materials

Materials to avoid Strong acids, strong oxidizing agents, Halogens/ halogenation agents.

10.6. Hazardous decomposition products

Hazardous decomposition products At prolonged and/or strong thermal stressing above the decomposition temperature dangerous decomposition products can be formed.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Assessment of acute toxicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data: LD50 rat (oral): > 5,000 mg/kg

Irritation

Assessment of irritating effects: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data: Skin corrosion/irritation rabbit: non-irritant

Respiratory/Skin sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential. A sensitizing effect on particularly sensitive individuals cannot be excluded.

Germ cell mutagenicity

Assessment of mutagenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Carcinogenicity

Assessment of carcinogenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. There is no formation of respirable dust during intended uses. However, if dust formation occurs at processing/finishing processing steps like regranulation, mechanical machining (for example drilling, grinding etc.), occupational protection regulations have to be considered.

Reproductive toxicity

Assessment of reproduction: Based on our experience and the information available, no adverse health effects are toxicity expected if handled as recommended with suitable precautions for designated uses.

Developmental toxicity

Assessment of teratogenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Specific target organ toxicity (single exposure)

No data available.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Aspiration hazard No data available.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses..

SECTION 12: Ecological information

12.1. Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

The product has not been tested. The statement has been derived from the structure of the product.

12.2. Persistence and degradability

Assessment biodegradation and elimination (H₂O):

The polymer component of the product is poorly biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

In accordance with the required stability the product is not readily biodegradable. The product has not been tested. The statement has been derived from the structure of the product.

12.3. Bioaccumulative potential

Bioaccumulation potential:

Because of the product's consistency and low water solubility, bioavailability is improbable.

12.4. Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: Study scientifically not justified.

12.5. Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6. Other adverse effects

The product does not contain substances that are listed in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

12.7. Additional information

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

Transport labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78**and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**Abbreviations and acronyms used in the safety data sheet**

CAS: Chemical Abstracts Service.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 vPvB: Very Persistent and Very Bioaccumulative.
 DNEL: Derived No Effect Level.
 PNEC: Predicted No Effect Concentration.
 ATE: Acute Toxicity Estimate.
 LC50: Lethal Concentration to 50 % of a test population.
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
 EC50: 50% of maximal Effective Concentration.
 IMDG: International Maritime Dangerous Goods.
 IATA: International Air Transport Association.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 UN: United Nations.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).
 GHS: Globally Harmonized System.

Key literature references and sources for data	Material Safety Data Sheet, Misc. manufacturers.
Classification procedures according to Regulation (EC) 1272/2008	Calculation method.
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