

BENSIZE M-85**Revision Date 04/05/2017**

Version: 001/GHS

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name : BENSIZE M-85

Material number : -

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

Relevant identified uses of the substance or mixture

Industry sector : Textile processing industry

Type of use : Wax for spun yarn

1.3 Details of the supplier of the safety data sheet**Identification of the company**

BEN TECH CHEMICAL CO., LTD.

97/30 MOO 4 BANGNA-TRAD RD TAMBON BANGCHALONG BANGPLEE

SAMUTPAKARN THAILAND 10540

T: 66-2-3361298

F: 66-2-3361298

Information about the substance/mixture

Product Stewardship 66-81-8048308

E: info.btc@bentechgroup.com

1.4 Emergency telephone number

66-81-8048308 (24 h)

SECTION 2: Hazards Identification**2.1 Classification of the substance or mixture****Classification according GHS**

Acute toxic substances (swallowing) Class 4,

Corrosion / irritation Skin Substances Class 1,

Serious damage / irritation of the eyes substance Class 1,

Water environment of hazardous substances at Class 3(chronic)

2.2 Label elements

Labelling in accordance with GHS :



Signal word : Danger

Hazard communication elements.

H303: May be harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Hazard protection.

Wear eye/face protection.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



After contact with skin, wash immediately with plenty of water.

Avoid release to the environment.

2.3 Other hazards -**SECTION 3: Composition/information on ingredients**

3.1 Substance: Not applicable.

3.2 Mixtures:

Chemical characterization	Cas no#	Content (%)
Hydrogenated palm stearine	100298-99-5	≥ 85.0%

Hazardous Ingredients: -

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Remove soiled or soaked clothing immediately.

After inhalation

Immediately seek fresh air after inhaling of dust, vapor or aerosol.

If inhaled, remove to fresh air.

After contact with skin

In case of contact with skin wash off immediately with plenty of water.

After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

After ingestion

If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label.

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

Symptoms : No symptoms known currently.

Hazards : No hazards known at this time.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet

Dry powder

Carbon dioxide (CO₂)

alcohol-resistant foam

Extinguishing media that must not be used for safety reasons

High volume water jet.

5.2 Special hazards arising from the substance or mixture

In case of fires, hazardous combustion gases are formed: Carbon oxides (CO_x),

5.3 Advice for firefighters

Special protective equipment for firefighting: Self-contained breathing apparatus.

Further information: Wear suitable protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precaution, protective equipment and emergency procedures.

Wear suitable protective equipment.

6.2 Environmental precautions.

The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and material for containment and cleaning up.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections.

Additional information: Information regarding Safe handling, see section 7.

SECTION 7: Handling and storage

7.1 Precaution for safe handling

Advice on safe handling

When used, and handled appropriately no special measures are needed.

Advice on protection against fire and explosion.

Observe the general rules of industrial fire protection.

7.2 Conditions for safe storage, including any incompatibilities.

Further information on storage conditions.

Store in a cool and dry place (5⁰ C to under 40⁰ C), avoid frost, hot and humid environment for at least 12 month.

Handle and open container with care.

Keep away sources of ignition.

7.3 Specific end use (s): No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Engineering control

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety sheers are proximal to the work-station location.

8.2 Control parameters

Exposure limit values : Exposure limit values are not available.

8.3 Exposure controls

General protective measures: Observe the usual precautions for handling chemicals.

Respiratory protection : Protection necessary if aerosols or vapors should develop.
mask, comb. Gas/particle filter.

Hand protection : Chemical resistant gloves.
Take note of the information given by the producer concerning permeability and break through time, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Safety glasses.

Body protection : Working clothes.

Hygiene measures : Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing

Environmental controls : Comply with applicable environmental regulations limits
discharge to air, water and soil. Protect the environment by
applying appropriate control measures to prevent or limit
emissions.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties.**

Appearance : Flake
Color : Off-white
Odor : Slight odor
Odor threshold : Not tested
pH Value : 7.0 ± 1.0 (10% sol.)
Melting point : Not tested
Boiling point : Not tested
Specific gravity : Not tested
Flash point : Not tested
Flammability : Not tested
Autoignition temperature : Not testes
Solubility : Soluble in hot water
Octanol/water partition
coefficient (log Pow) : Not tested
Thermal decomposition : Not tested
Viscosity (dynamic) : Not tested
Oxidizing properties : Not tested

BENSIZE M-85**Revision Date 04/05/2017**

Version: 001/GHS

Page 5 of 8

Evaporation rate : Not tested
Vapor pressure : Not tested

SECTION 10: Stability and reactivity**10.1 Reactivity**

See section 10.3 "Possibility of hazardous reactions".

10.2 Chemical stability

Under normal conditions the product is stable.

10.3 Possibility of hazardous reactions

When handled, and stored appropriately no dangerous reactions are known stable.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials.

Not known.

10.6 Hazardous decomposition products.

When handled, and stored appropriately no dangerous reactions are known.

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

Information related to the product itself:

Acute oral toxicity	: >2,000 mg/kg
Acute dermal toxicity	: not tested.
Acute inhalation toxicity	: not tested.
Irritant effect on skin	: Causes severe skin burn and eye damage.
Irritant effect on eyes	: Cause serious eye damage.
Sensitization	: not tested.
Repeated dose toxicity	: not tested.
Assessment of mutagenicity	: not tested.
Assessment of carcinogenicity	: not tested.
The toxicological data given are	: not tested.

Remarks

Preparation has not been tested. The toxicological data given are determined by analogy.

SECTION 12: Ecological information**12.1 Toxicity**

Information related to the product itself:

Fish toxicity	: LC ₅₀ / 96 h: 10 – 100 mg/l
Daphnia toxicity	: not tested
Algae toxicity	: not tested
Bacteria toxicity	: not tested

**12.2 Persistence and degradability****Information related to the product itself:**

Biodegradability : not tested

Chemical oxygen demand (COD) : not tested

Biochemical oxygen demand (BOD₅) : not tested.**12.3 Bio accumulative potential****Information related to the product itself:****Bioaccumulation** : not tested.**12.4 Mobility in soil**

No known data.

12.5 Results of PBT and vPvB assessment**Information related to the product itself:** No data available.**12.6 Other adverse effects**

None

SECTION 13: Disposal considerations**13.1 Waste treatment methods.****Product**

In accordance with local authority regulations, take to special waste incineration plant.

In case of few amount, rinse with water.

Spill or leak: In case of few amount, rinse with water. In case of big amount, fences by non-flammable material (e.g. sand) and recovers.

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste.

SECTION 14: Transport information

14.1 UN number : Not Regulated as a hazardous material by ADR. ADN. RID. IATA. IMDG

14.2 UN proper Shipping name : None

14.3 Transport hazard class : None

14.4 Packing group : None

14.5 Marine pollutant : None

14.6 Special precaution for user see sections 6 to 8 of this safety data sheet

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.****15.2 Labelling according to EC directive.****15.3 EC Risk phrases (R-phrases)**

R22 : Harmful if swallowed.

R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

15.4 EC Safety phrases (S-phrases)

S20 : When using do not eat or drink.

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

15.5 International Hazard Statements-Health Hazards (H-phrases)

H302 : Harmful if swallowed.

H314 : Causes severe skin burns and eye damage.

H318 : Causes serious eye damage.

H412 : Harmful to aquatic life with long lasting effects.

SECTION 16: Other information**Literature references.**

- 1. Niosh-Registry of Toxic Effects of Chemical Substances.**
- 2. Globally Harmonized System of Classification and Labelling of Chemicals.**
- 3. European chemical Substances Information System (ECB): ESIS, Annex VI**
<http://ecb.jrc.ec.europa.eu/esis/>
<http://ecb.jrc.ec.europa.eu/classification-labelling/clp/ghs/search.php>
- 4. Occupational Safety & Health Administration (OSHA)**
<http://www.osha.gov/dts/chemicalsampling/toc/chmcas.html>
- 5. Environmental Risk Management Authority: HSNO Chemical Classification Information Database (CCID)**
<http://www.ermanz.govt.nz/Chemicals/ChemicalSearch.aspx>

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Material Safety Data Sheet providing safety precautions, that should be observed when handling or storing our are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.