

CM 20541 - DECARBOXYLASE BROTH BASE, MOELLER (MOELLER DECARBOXYLASEBROTHBASE)(VEG.)

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: DECARBOXYLASE BROTH BASE, MOELLER (MOELLER DECARBOXYLASE BROTH BASE) (VEG.)
 PRODUCT CODE: CM 20541
 REACH REGISTRATION NUMBER: This product is a mixture. Reach registration number is not available for this mixture
 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:
 Relevant identified uses: Laboratory Chemicals, Analytical Purpose, Biochemical Analysis For In Vitro Diagnostic Use

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture
 CLP Classification-Regulation (EC) No. 1272/2008 [EU-GHS/CLP]
 Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008
 Label elements
 Labeling according to Regulation (EC) No. 1272/2008
 The product does not need to be labelled in accordance with EC directives or respective national laws.
 Other hazards None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

Component	Classification	Concentration
Bromo cresol purple	<i>As Per EC Regulation 1272/2008</i>	>=0.1 - <=1.0%
CAS No. 115-40-2		
EC No. : 04-087-8	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H315; H319; H335	

Refer Section 16 for complete statement of H codes and its classification

SECTION 4: FIRST AID MEASURES

Description of first aid measures
 General advice
 Consult a physician. Show this safety data sheet to the doctor in attendance.
 If inhaled
 If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
 In case of skin contact
 Wash off with soap and plenty of water. Consult a physician.
 In case of eye contact

 Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
 If swallowed
 Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
 Most important symptoms and effects, both acute and delayed
 No data available.
 Indication of immediate medical attention and special treatment needed
 No data available



SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media

No data available
Special hazards arising from the substance or mixture
Carbon oxides, Hydrogen chloride gas, Sodium oxides
Precautions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary
Further information
No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
Evacuate personnel to safe areas.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Reference to other sections
For disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.
Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Recommended Storage Temperature:
On receipt store between 10-25 °C
Specific end uses
Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Components with workplace control parameters
Exposure controls
Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.
Personal protective equipment

Hygiene measure
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.
Eye/face protection
Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin protection Handle with gloves.



Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environment exposure controls

Do not empty into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

a) Appearance/Form	:	Light yellow to greenish yellow coloured homogenous Free flowing powder
b) Odour	:	No data available
c) Odour Threshold	:	No data available
d) pH	:	5.80 - 6.20
e) Melting point/freezing point	:	No data available
f) Initial boiling point and boiling range	:	No data available
g) Flash point	:	No data available
h) Evaporation rate	:	No data available
i) Flammability (solid, gas)	:	No data available
j) Upper/lower flammability or explosive limits	:	No data available
k) Vapour pressure	:	No data available
l) Vapour density	:	No data available
m) Relative density	:	No data available
n) Water solubility	:	No data available
o) Partition coefficient: n-octanol/water	:	No data available
p) Auto-ignition temperature	:	No data available
q) Decomposition temperature	:	No data available
r) Viscosity	:	No data available
s) Explosive properties	:	No data available
t) Oxidizing properties	:	No data available

Other safety information No data available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: No data available

Chemical stability: No data available.

Possibility of hazardous reactions: No data available

Conditions to avoid: No data available

Incompatible materials: No data available

Hazardous decomposition products: Refer Section 5



SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available

Specific target organ toxicity: single exposure No data available

Aspiration hazard: No data available

Potential Health Effects: Inhalation REFER SECTION 2

Skin: REFER SECTION 2 Eyes: REFER SECTION 2

Ingestion: REFER SECTION 2

Additional Information: RTECS: Not available

Components Sodium Deoxycholate

Acute Oral Toxicity

Rat LD50: 1,370 mg/kg (As Per RTECS)

Rat Intraperitoneal LD50: 123 mg/kg

Rat Subcutaneous LD50: 2,430 mg/kg

Additional Information:

RTECS FZ2250000

Ferric ammonium citrate

Acute Oral Toxicity

Rat LD50: >2000 mg/kg

Acute Potential Health Effects

Skin

Contact may cause irritation or rash, particularly with moist skin.

Eyes

May cause eye irritation with redness, tearing, and abrasion.

Inhalation

Inhalation of high concentrations of dust may cause nasal, throat or lung irritation. Symptoms may include coughing and wheezing.

Ingestion

Ingestion can produce gastrointestinal tract irritation with hyper motility, diarrhea. Chronic Potential Health Effects

Eyes

Prolonged eye contact may cause a brownish discoloration of the eyes.

Skin

Prolonged skin contact may cause skin irritation.

Additional information:

RTECS: GE7540000

Phenol Red

Acute Oral Toxicity

Rat LD50: >600 mg/Kg



Rat Intravenous LD50:752 mg/Kg
Mouse Intravenous LD50: 1368 mg/Kg

Inhalation
May cause respiratory irritation.

Additional Information:
RTECS: SJ7490000

SECTION 12: ECOLOGICAL INFORMATION

Toxicity
No data available
Components
Sodium deoxycholate
Toxicity to Fish
Oryziaslatipes LC50: 115mg/l; 48h
Persistence and degradability
No data available
Bioaccumulative potential
No data available

Mobility in soil No data available
PBT and vPvB assessment
This substance or mixture contains no components considered to be persistent, bioaccumulating or toxic (PBT) at levels of 0.1% or higher.
Other adverse effects
No data available.

SECTION 13: DISPOSAL CONSIDERATION

Waste treatments methods
Product
Offer surplus and non-recyclable solutions to a licensed company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging
Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

UN-No
ADNR: ADR: IATA_C: IATA_P: IMDG: RID:
UN proper shipping name
ADNR : Not dangerous goods
ADR : Not dangerous goods
IATA_C : Not dangerous goods
IATA_P : Not dangerous goods
IMDG : Not dangerous goods
RID : Not dangerous goods
Transport hazard class (es)
ADNR: -ADR: - IATA_C: - IATA_P: - IMDG : -RID : -

Packaging group ADNR:ADR : IATA_C : IATA_P : IMDG : RID :
Environmental hazards ADNR: No ADR : No IMDG : Marine Pollutant No IATA_C : No IATA_P : No RID : No
Special precautions for use: No data available



SECTION 15: REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
Safety health and environment regulations/legislation specific for the substance or mixture

No data available

Chemical Safety Assessment

No data available

SECTION 16: OTHER INFORMATION

Text of H codes and classification mentioned in section 3

Harmful if swallowed Causes skin irritation

H302

H315

H319

Causes serious eye irritation

H335

May cause respiratory irritation

Acute Tox. oral 4

Acute toxicity, oral, Category 4

Eye Irrit. 2A

Serious eye damage or eye irritation, Category 2A

Skin Irrit. 2

Skin corrosion or irritation, Category 2

STOT SE 3

Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose

