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

1.1 Product identifier

Product name: Amylmetacresol

Part number: MM1132.00
CAS Number: 1300-94-3
EC number: 215-094-0

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

No further relevant information available.

Application of the substance / the mixture Reference material for laboratory use only

Manufacturer/Supplier:
LGC Limited
Queens Road
Teddington
Middlesex TW11 0LY
UNITED KINGDOM

Further information obtainable from:
Product safety department
eMail: sds-request@lgcgroup.com

1.4 Emergency telephone number: +44 (0) 20 8943 7000 (Monday - Friday: 8am - 5pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn: Harmful

R22: Harmful if swallowed.

Information concerning particular hazards for human and environment: Not applicable.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word Warning

Hazard statements

H302 Harmful if swallowed.

Precautionary statements

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.

(Contd. on page 2)
Product name: Amylmetacresol

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.1 Chemical characterisation: Substances
  - CAS No. Description
    - 1300-94-3 6-pentyl-m-cresol
  - Identification number(s)
    - None
  - EC number: 215-094-0
  - RTECS: GP3100000

SECTION 4: First aid measures

- 4.1 Description of first aid measures
  - General information:
    Symptoms of poisoning may occur even after several hours; therefore medical observation for at least 48 hours after the accident is recommended.
  - After inhalation: Supply fresh air; consult doctor in case of complaints.
  - After skin contact: Immediately wash with water and soap and rinse thoroughly.
  - After eye contact: Rinse opened eye for several minutes under running water.
  - After swallowing: Rinse mouth. Do not induce vomiting.
    Call for a doctor immediately.

- 4.2 Most important symptoms and effects, both acute and delayed
  No further relevant information available.

- 4.3 Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
  - Suitable extinguishing agents: Use fire extinguishing methods suitable for surrounding conditions.

- 5.2 Special hazards arising from the substance or mixture
  - Formation of toxic gases is possible during heating or in case of fire.

- 5.3 Advice for firefighters
  - Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  - Wear protective clothing.

- 6.2 Environmental precautions
  - Do not allow to enter sewers/surface or ground water.

- 6.3 Methods and material for containment and cleaning up:
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose of contaminated material as waste according to item 13.
  - Ensure adequate ventilation.

- 6.4 Reference to other sections
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
  Ensure good ventilation/extraction at the workplace.
  Store in cool, dry place in tightly closed receptacles.
  Prevent formation of aerosols.
- **Information about fire - and explosion protection**: No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**:
  - **Requirements to be met by storerooms and receptacles**:
    - Store in a cool location.
    - Please refer to the manufacturer's certificate for specific storage and transport temperature conditions.
    - Store only in the original receptacle.
    - Keep container in a well-ventilated place. Keep away from sources of ignition and heat.
  - **Information about storage in one common storage facility**: Store away from foodstuffs.
  - **Further information about storage conditions**: None.
- **7.3 Specific end use(s)**: No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities**: No further data; see item 7.
- **8.1 Control parameters**
  - **Ingredients with limit values that require monitoring at the workplace**: Not required.
  - **Additional information**: Lists used were valid at the time of SDS preparation.
- **8.2 Exposure controls**
  - **Personal protective equipment**:
    - **General protective and hygienic measures**:
      - Keep away from foodstuffs, beverages and feed.
      - Wash hands before breaks and at the end of work.
    - **Respiratory protection**:
      - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
    - **Protection of hands**:
      - The glove material has to be impermeable and resistant to the product/the substance/the preparation.
      - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
      - Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.
    - **Material of gloves**:
      - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
    - **Penetration time of glove material**:
      - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye protection**: Safety glasses

(Contd. on page 4)
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
   General Information
   Appearance:
     Form: Liquid
     Colour: Colourless
   Odour:
     Odour: Odourless
     Odour threshold: Not determined.
   pH-value: Not determined.

Change in condition
   Melting point/Melting range: 24 °C
   Boiling point/Boiling range: 258 °C

Flash point: 115 °C

Flammability (solid, gaseous): Not determined.

Ignition temperature:
   Decomposition temperature: Not determined.
   Self-igniting: Not determined.
   Danger of explosion: Not determined.

Explosion limits:
   Lower: Not determined.
   Upper: Not determined.

Vapour pressure: Not determined.

Density:
   Not determined.
   Relative density:
   Not determined.
   Vapour density:
   Not determined.
   Evaporation rate:
   Not determined.

Solubility in / Miscibility with:
   water: Not miscible or difficult to mix.
   ethanol and acetone

Partition coefficient (n-octanol/water): 4.57 Log P

Viscosity:
   Dynamic: Not determined.
   Kinematic: Not determined.

9.2 Other information
   No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
   Stable under normal conditions.

10.2 Chemical stability
   Stable under normal conditions.

10.3 Possibility of hazardous reactions
   No dangerous reactions known.

10.4 Conditions to avoid
   Heat.
   Light.

10.5 Incompatible materials:
   Strong oxidizing agents.
   Strong acids.
Product name: Amylmetacresol

10.6 Hazardous decomposition products:
Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity:
LD/LC50 values relevant for classification:
Oral LD50 1500 mg/kg (rat)

Primary irritant effect:
- on the skin: No irritating effect.
- on the eye: No irritating effect.
- Sensitisation: No sensitising effects known.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: No further relevant information available.
12.2 Persistence and degradability No further relevant information available.
12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.
Additional ecological information:
General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product to reach ground water, water course or sewage system.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
European waste catalogue
Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
Uncleaned packaging:
Recommendation: Dispose of in accordance with national regulations.

SECTION 14: Transport information

14.1 UN-Number
ADR, ADN, IMDG, IATA: Not applicable
ADR, ADN, IMDG, IATA: Not applicable

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA: Not applicable
Class: Not applicable
Product name: Amylmetacresol

14.4 Packing group
- ADR, IMDG, IATA: Not applicable

14.5 Environmental hazards:
- Marine pollutant: No

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

UN "Model Regulation": -

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Philippines Inventory of Chemicals and Chemical Substances: Substance is not listed.
- Australian Inventory of Chemical Substances: Substance is not listed.
- Standard for the Uniform Scheduling of Medicines and Poisons: Substance is not listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information in this safety data sheet (SDS) has been prepared with due care and is true and accurate to the best of our knowledge. The user must determine the suitability of the information for its particular purpose, ensure compliance with existing laws and regulations, and be aware that other or additional safety or performance considerations may arise when using, handling and/or storing the material. The information in this SDS does not purport to be all inclusive or a guarantee as to the properties of the material supplied, and should be used only as a guide. LGC makes no warranties or representations as to the accuracy and completeness of the information contained herein, shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.

Abbreviations and acronyms:
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- Acute Tox. 4: Acute toxicity, Hazard Category 4

Sources