Reference Material - 1,1'-(Ethane-1,1-diyl)-4,4'-(2-methylpropyl)dibenzene

MM 0002.37

Xn : Harmful

Warning

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

1.1. Product identifier

Trade name : Reference Material - 1,1'-(Ethane-1,1-diyl)-4,4'-(2-methylpropyl)dibenzene

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

Use : Used as a Reference Material.

1.3. Details of the supplier of the safety data sheet

Company identification : LGC Standards
Queens Road
Teddington Middlesex TW11 0LY UNITED KINGDOM
Tel :+44 (0) 20 8943 7000
Fax :+44 (0) 20 8943 2767
Email: Logistics@lgcstandards.com

Name and function of the responsible person : Head of International Transport of Dangerous Goods

1.4. Emergency telephone number

Emergency phone nr : +44 (0) 20 8943 7000

SECTION 2 Hazards identification

Risk Phrases : Harmful if swallowed.

Hazards identification **Harmful if swallowed.**

- Inhalation : Cough. Shortness of breath.

- Skin contact : May produce skin irritation.

- Eye contact : May cause eye irritation.

- Ingestion : Abdominal pain, nausea. Vomiting. Must not come into contact with food or be consumed.

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: Xn; R22

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

• Health hazards : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4)

2.2. Label elements

SECTION 2 Hazards identification (continued)

Labelling EC 67/548 or EC 1999/45

Symbol(s)

: Xn : Harmful

-R Phrase(s) : Harmful if swallowed.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms

• Hazard pictograms code : SGHO7

• Signal words : Warning

• Hazard statements : H302 - Harmful if swallowed.

• Pictograms (Precautionary statements)

• Precautionary statements

- Prevention : P264 - Wash … thoroughly after handling.
P270 - Do no eat, drink or smoke when using this product.

- Response : P301+P312+P330 - IF SWALLOWED : Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

- Disposal considerations : NA - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

Components : This product is hazardous.

Substance name		Contents	CAS No	EC No	Annex No		Classification
1,1'-(Ethane-1,1-diyl)-4,4'-(2-methylpropyl)dibenzene	:	>= 99 <= 100 %	102120-87-6	-----	-----	-----	Xn; R22 ---------- Acute Tox. 4 (H302)

SECTION 4 First aid measures

4.1. Description of first aid measures

- Inhalation : Remove person to uncontaminated area. Seek medical advice.

- Skin contact : Wash skin with mild soap and water.

- Eye contact : Rinse immediately with plenty of water. Seek medical attention if ill effect or irritation develops.

- Ingestion : Rinse mouth. Do not induce vomiting. Seek medical advice.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

Extinguishing media : Water spray. Foam. Carbon dioxide. Dry chemical.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : When heated to decomposition, emits toxic fumes.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures : Exercise caution when fighting any chemical fire.

Surrounding fires : Use water spray or fog for cooling exposed containers.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Collect spills and put into appropriate container.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Handling : Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Precautions in handling and storage : Avoid formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Personal protection

- Respiratory protection : Where excessive vapour may result, wear approved mask.

- Skin protection : Wear suitable protective clothing.

- Eye protection : Safety glasses with side shields. Ensure eye bath is to hand.

- Hand protection : Wear gloves.

Industrial hygiene : Provide local exhaust or general room ventilation.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C : Oily liquid.
Colour : Colourless.
Solubility in water : Negligible.

SECTION 10 Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability : Stable under normal conditions.

10.6. Hazardous decomposition products

Hazardous decomposition products : When heated to decomposition, emits toxic fumes.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Rat oral LD50 [mg/kg] : No data available.

SECTION 12 Ecological information

12.1. Toxicity

LC50-96 Hour - fish [mg/l] : No data available.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

General information : Not classified.

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

EC Classification : 1,1'-(Ethane-1,1-diyl)-4,4'-(2-methylpropyl)dibenzene
CAS No :102120-87-6
EC No :---
Annex No :---
Xn; R22

SECTION 15 Regulatory information (continued)

Symbol(s)

: Xn : Harmful

R Phrase(s) : R22 : Harmful if swallowed.

S Phrase(s) : None.

Other : None.

SECTION 16 Other information

Sources of key data used : Tables 3.1 and 3.2 from Annex 6 of EC 1272/2008, EC 1907/2006, EH40/2005 as amended October 2007, Registry of Toxic Effects of Chemical Substances (RTECS), The Dictionary of Substances and their Effects, 1st Edition.

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The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

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