



SAFETY DATA SHEET

TETRAHYDRO PARA METHYL QUINOLINE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	TETRAHYDRO PARA METHYL QUINOLINE
PRODUCT NO.	TPMQ
SUPPLIER	Lansdowne Chemicals Winstons house, Carterton, Oxfordshire OX18 3EZ +44 (0) 1993 843081 +44 (0) 1993 841261 Techincal department msds@lansdownearomatics.com
EMERGENCY TELEPHONE	EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

2 HAZARDS IDENTIFICATION

Harmful by inhalation and in contact with skin.

CLASSIFICATION Xn;R20/21.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,3,4-TETRAHYDRO-6-METHYLQUINOLIN E	202-083-0	91-61-2	60-100%	Xn;R20/21.

The Full Text for all R-Phrases are Displayed in Section 16

EC No. 202-083-0

CAS-No. 91-61-2

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. If breathing stops, provide artificial respiration. Get medical attention.

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention. DO NOT INDUCE VOMITING! Do not give victim anything to drink if they are unconscious.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes and seek medical attention.

EYE CONTACT

Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

TETRAHYDRO PARA METHYL QUINOLINE

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Sweep up and removed to an approved disposal container. Hold for waste disposal For waste disposal, see section 13. Ventilate area and wash spill site after material pickup is complete.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with skin and eyes. Avoid spread of dust. Provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Use respiratory equipment with particle filter, type P1.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Crystals
COLOUR	Colourless to pale yellow
ODOUR	Tobacco Honey-like civet, animal notes
SOLUBILITY	Insoluble in water Insoluble in Alcohol
FLASH POINT (°C)	>100 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION

TETRAHYDRO PARA METHYL QUINOLINE**TOXIC DOSE 1 - LD 50**

500 mg/kg (oral rat)

INHALATION

Harmful by inhalation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

Harmful in contact with skin.

EYE CONTACT

May cause eye irritation.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION**GENERAL**

LQ NUMBER: 7

EXCEPTED QUANTITY: E1

**PROPER SHIPPING NAME**

TOXIC LIQUID, ORGANIC, N.O.S, (1, 2, 3, 4-TETRAHYDRO-6-METHYLQUINOLINE)

UN NO. ROAD

2810

ADR CLASSClass 6.1:Toxic
substances.
(E)**ADR PACK GROUP**

III

TUNNEL RESTRICTION**CODE****HAZARD NO. (ADR)**60 Toxic or slightly toxic
substance.**UN NO. SEA**

2810

IMDG CLASS

6.1

IMDG PACK GR.

III

UN NO. AIR

2810

AIR CLASS

6.1

AIR PACK GR.

III

15 REGULATORY INFORMATION**LABELLING**

Harmful

CONTAINS

1,2,3,4-TETRAHYDRO-6-METHYLQUINOLINE

RISK PHRASES

R20/21

Harmful by inhalation and in contact with skin.

SAFETY PHRASES

S36/37

Wear suitable protective clothing and gloves.

S51

Use only in well-ventilated areas.

S60

This material and its container must be disposed of as hazardous waste.

TETRAHYDRO PARA METHYL QUINOLINE**16 OTHER INFORMATION****GENERAL INFORMATION**

DISCLAIMER: This safety data sheet relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

INFORMATION SOURCES

Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

This is first issue.

REVISION DATE 01-10

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11232

DATE 01-10

RISK PHRASES IN FULL

R20/21 Harmful by inhalation and in contact with skin.