

Safety (MSDS) data for (S)-(-)-limonene

General

Synonyms: 1-methyl-4-(1-methylethenyl)-cyclohexene

Molecular formula: C₁₀H₁₆

CAS No: 5989-54-8

EC No:

Physical data

Appearance: colourless liquid with lemon odour

Melting point:

Boiling point: 175 - 177 C

Vapour density: 4.7

Vapour pressure: < 3 mm Hg at 14.4 C

Specific gravity: 0.844

Flash point: 48 C

Explosion limits: 0.7 % - 6.1 %

Autoignition temperature:

Stability

Stable. Incompatible with strong oxidizing agents. Flammable.

Toxicology

May be harmful by inhalation, ingestion or skin absorption. Irritant.

Irritation data

(The meaning of any toxicological abbreviations which appear in this section is given [here.](#))

SKN-RBT 500 mg/24H MOD

Risk phrases

(The meaning of any risk phrases which appear in this section is given [here.](#))

R36 R37 R38.

Personal protection

Safety glasses. Adequate ventilation.

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