

2-Methylcyclohexyl acetate

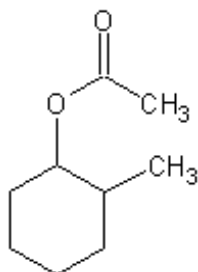
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Synonyms

2-Methylcyclohexanol acetate; *ortho* Methyl cyclohexyl acetate; 2-methyl-cyclohexanoacetate; Acetic acid 2-methylcyclohexyl ester; (2-methylcyclohexyl) acetate

Chemical structure and identity



Molecular formula	C ₉ H ₁₆ O ₂
Molecular weight	156.22
CAS number	5726-19-2
EINECS number	227-231-1
HS code	29153990

Specifications

Appearance	Clear, colourless liquid
Purity (by GC)	99.0% minimum
Cyclohexyl acetate	1.0% maximum
Dimethyl cyclohexyl acetate	1.0% maximum
Alcohol as methyl cyclohexanol	0.5% maximum
Ketone as MCK	0.1% maximum
Phenolics	0.05% maximum
Unsaturated compounds as MCA	0.1% maximum
Water	0.1% maximum
Residue on evaporation	0.1% maximum
Acid value	0.1 mg KOH/g maximum
Sulphur	1 ppm maximum

Physical properties

Specific gravity (at 20°C)	0.947 to 0.951
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Description

2-Methylcyclohexanol acetate is a clear, colourless liquid.

Application

Used as an extracting solvent.

Packaging

2-Methylcyclohexanol acetate is available in 190 kg HDPE drums and ISO tanks.

Shelf life

1 year from the date of manufacturing.

Storage and handling

Keep containers tightly closed and store in a dry place, away from possible ignition sources and oxidising | acidic materials. Avoid contact with eyes, skin or clothing. Take measures to prevent generation and accumulation of electrostatic charge while handling and storing. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Use proper personal protective equipment (PPE). Wear tightly sealed goggles and protective gloves. Use chemical resistant rubber gloves. Wash hands thoroughly after handling of product. Always refer SDS for detailed information on safety.

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First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.

Ingestion: Do not induce vomiting. Never giving anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician immediately.

Inhalation: Shift the affected person to fresh air. Consult a physician immediately.

Spills and disposal

In case of spillage and | or leakage, always shut-off all possible sources of ignition and absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines as applicable.

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