

1: Identification

Product identifier

Product name: Methyl propionate

Stock number: A14944, L15017

CAS Number:

554-12-1

EC number:

209-060-4

Index number:

607-027-00-2

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

Identified use: SU24 Scientific research and development

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Alfa Aesar, A Johnson Matthey Company

Johnson Matthey Catalog Company, Inc.

30 Bond Street

Ward Hill, MA 01835-8099

Tel: 800-343-0660

Fax: 800-322-4757

Product name: Methyl propionate

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3: Composition/information on ingredients

Chemical characterization: Substances

CAS# Description:

554-12-1 Methyl propionate

Identification number(s):

EC number: 209-060-4

Index number: 607-027-00-2

4: First-aid measures

Description of first aid measures

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm.

Seek immediate medical advice.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing Seek medical treatment.

Information for doctor

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

Indication of any immediate

Product name: Methyl propionate

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Check protective gloves prior to each use for their proper condition.
The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.
Material of gloves Butyl rubber, BR
Penetration time of glove material (in minutes) 480
Glove thickness 0.3 mm
Eye protection: Safety glasses
Body protection: Protective work clothing.

9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid
Color: Colorless
Odor: Not determined
Odor threshold: Not determined.

pH-value: Not determined.

Change in condition

Melting point/Melting range: -88 °C (-126 °F)
Boiling point/Boiling range: 78-80 °C (172-176 °F)
Sublimation temperature / start: Not determined

Flash point: -2 °C (28 °F)
Flammability (solid, gaseous) Not determined.
Ignition temperature: 465 °C (869 °F)
Decomposition temperature: Not determined
Auto igniting: Not determined.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures is possible.

Explosion limits:

Product name: **Methyl propionate**

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13: Disposal considerations**Waste treatment methods****Recommendation** Consult state, local or national regulations to ensure proper disposal.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14: Transport information****UN-Number**

DOT, IMDG, IATA

UN1248

UN proper shipping nameDOT
IMDG, IATAMethyl propionate
METHYL PROPIONATE**Transport hazard class(es)**

DOT



Class

Label 3 Flammable liquids.

Class 3 (F1) Flammable liquids

Label 3

IMDG, IATA



Class