

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: Ethyl 2-ethylacetoacetate
Synonyms:
Company Identification: PI Chemicals Ltd.
Building B, 633 E Shan Road, Pudong New Area
Shanghai 200127, China
Telephone Number: 86-21-58953700
Fax Number: 86-21-58953701

Section 2 - Product Information

Catalog Number: PI-11567
CAS Number: 607-97-6
MDL Number: MFCD00039898
EC Number: 210-151-6
Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Liquid
Color: Colorless or light yellow
Molecular Formula: $C_8H_{14}O_3$
Molecular Weight: 158.19
Freezing/Melting Point: Not available
Boiling Point: 87 - 189 °C (189 -372 °F) at 991 hPa (743 mmHg) - lit.
Flash Point: 69 °C (156 °F) - closed cup
Autoignition Temperature: Not available
Refractive Index (nD20): Not available
Density: 0.981 g/mL at 25 °C (77 °F)
Decomposition Temperature: Not available
Solubility: Not available

Section 4 - Hazards Identification

Eye: May cause eye irritation.
Skin: May cause skin irritation. May be harmful if absorbed through the skin.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Section 5 - First Aid Measures

General advice: Move out of dangerous area.

Eye: Flush eyes with water as a precaution.

Skin: Wash off with soap and plenty of water.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

Section 6 - Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides.

Section 7 - Handling and Storage

Handling: Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Personal Protection

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Fire and Explosion Hazard Data

General Information: As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 10 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 11 - Toxicological Information

RTECS#:	CAS# 607-97-6: Not available.
LD50/LC50:	RTECS#: None listed.
Carcinogenicity:	Ethyl 2-ethylacetoacetate - Not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.
Other:	The toxicological properties have not been fully investigated.

Section 12 - Environmental information

Not available.

Section 13 - Disposal Consideration

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 - Transport Information

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

Section 15 - Regulatory Information

OSHA Hazards: Combustible Liquid

DSL Status: This product contains the following components listed on the Canadian NDSL list. All other components are on the Canadian DSL list.

Ethyl 2-ethylacetoacetate	CAS-No. 607-97-6
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Safety Phrases:

S 23: Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer).

S 24/25: Avoid contact with skin and eyes.

Section 16 - Additional Information

MSDS Creation Date:15 October, 2010

Update: Original

The above information is believed to be accurate and represents the best knowledge available to us currently. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the

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