

# SOLVENT SUPPLIES LTD

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Otaki NZ

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Date: April 2019

Issue Number: 3

## Section 1: Identification of the Material and Supplier

**Product Name:** Ethyl Acetate  
**Other Names:** Acetic acid ethyl ester, Acetic ether, Acetidin, Acetoxyethane, Ethyl acetic ester, Ethyl ethanoate.  
**Use:** Solvent  
**Company Name:** Solvent Supplies Limited  
**Address:** 33 Miro Street, Otaki, New Zealand  
PO Box 2019  
Raumati Beach  
Paraparaumu

**Fax:** 04 902 1857      **Email:** [ss1994ltd@gmail.com](mailto:ss1994ltd@gmail.com)

**Emergency Telephone:**      **Police, Fire And Ambulance: 111**

**New Zealand:**      **0800 737 363 Monday to Friday 8.00am – 4.30pm**  
**New Zealand Poisons Centre: 0800 764 766**

## Section 2: Hazards Identification

Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Classification) Notice 2017.

EPA New Zealand Approval Code: HSR001041

Refer to [www.epa.govt.nz](http://www.epa.govt.nz) for Controls for this substance.

**HSNO Hazard Classification:** 3.1B, 6.1E (oral), 6.4A, 6.9B

**Pictograms:**



**Signal Word:**      **DANGER**

**Hazard statements:**

H225	Highly flammable liquid and vapour.
H303	May be harmful if swallowed.

H319	Causes serious eye irritation.
H373	May cause damage to organs through repeated or prolonged exposure.

**Precaution Statements:**

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapours.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing, gloves.

**Response Statements:**

P312	Call a Poison Centre or a doctor if you feel unwell.
P303+P361 +P353	If on skin (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P305+P351 +P338	If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice.
P370+P378	In case of fire: Use water fog or mist or alcohol-resistant foam.

**Storage Statement:**

P403+P235	Store in well ventilated place. Keep cool.
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**Disposal Statement:**

P501	Dispose of product to a solvent recycling facility or approved landfill in accordance with any local regulations.
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**Section 3: Composition/Information on Ingredients**

Chemical Ingredient:	CAS No:	% w/w
Ethyl acetate	141-78-6	>99

**Section 4: First Aid Measures**

Consult the National Poisons Centre (0800 POISON: 0800 764 766) or a doctor in every case of suspected poisoning. If medical advice is needed, have product container or label at hand.

<b>Ingestion:</b>	Rinse mouth with water. Do NOT induce vomiting. Call a POISON CENTRE or doctor immediately for advice if person feels unwell. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
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<b>Inhalation:</b>	Move person to fresh air and keep warm and at rest until recovered. Call a Poison Centre or doctor if person feels unwell.
<b>Skin Contact:</b>	Remove immediately all contaminated clothing. Wash affected area with plenty of water followed by soap and water. If irritation occurs, get medical advice.
<b>Eye Contact:</b>	Hold eyes open and rinse continuously with water for several minutes. Remove contact lenses if present and easy to do after the first 5 minutes. Continue rinsing for at least 15 minutes. Get medical attention if irritation persists.
<b>Notes to Physician:</b>	Treat symptomatically. Risk of aspiration into lungs resulting in chemical pneumonitis which may be fatal. Consider gastric lavage with protected airway, and administration of activated charcoal. Product may also cause central nervous system depression.

Section 5:	Fire Fighting Measures
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<b>Extinguishing Media:</b>	Use water fog or mist or alcohol resistant foam. Use dry chemical powder, carbon dioxide, sand or earth for small fires only. Do not use water in a jet.
<b>Fire &amp; Explosion Hazards:</b>	In case of fire, avoid breathing smoke. Smoke and harmful gases evolved on combustion. Prevent extinguishing water from getting into the aquatic environment.
<b>Specific Hazards:</b>	Vapour/air mixtures are explosive. Vapour is heavier than air and will spread across the ground and distant ignition and flashback is possible. Cool fire exposed containers by spraying with water.
<b>Fire-fighting equipment:</b>	Wear self-contained breathing apparatus and personal protection clothing.

Section 6:	Accidental Release Measures
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<b>Spills:</b>	<p>Wear personal protective equipment. Avoid contact with skin and eyes. Highly flammable liquid and vapour. Vapour forms explosive mixture with air. Shut off leak if safe to do so. Remove or isolate ignition sources. Take precautions against static discharge. Bound or ground (earth) all equipment. Use non-sparking tools. Ventilate contaminated area. Isolate hazard area and keep unnecessary and unprotected people away from area. Stay upwind and keep out of low lying areas.</p> <p><i>Contain spill.</i> Avoid run off into drains and sewers. Do not contaminate watercourses or the ground.</p> <p><i>For large spills (more than a drum):</i> Recover liquid and transfer by mechanical means to labeled salvage tank that can be sealed for recovery or disposal of product. Do not flush away residues with water. Allow residues to evaporate. Remove any contaminated soil and dispose of safely by waste management company.</p> <p><i>For small spills:</i> Absorb with an appropriate material e.g. vermiculite, and dispose of waste safely in a labeled sealed container for recovery or disposal.</p>
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	<b>If contamination of drains, sewers or water ways occurs immediately notify Emergency Services (111).</b>
<b>Disposal:</b>	Dispose of contaminated waste or product to a solvent recycling facility or to an approved landfill in accordance with local regulations.

Section 7:	Handling and Storage
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<b>Handling:</b>	Highly flammable liquid. Read label before use. Keep container closed when not in use. Use only in well ventilated areas. No smoking. Avoid breathing vapours or direct contact with product. Wear personal protective equipment. Wash hands and exposed skin after handling. Remove ignition sources. Avoid sparks. Use bonded or grounded (earthed) equipment. Electrostatic charge may be generated during pumping with risk of fire. Do not use compressed air for filling, discharging or handling.
<b>Storage:</b>	Ensure all storage areas have adequate fire-fighting equipment. Store securely in closed original container in a cool, dry well ventilated place away from sunlight, ignition sources, heat, incompatible substances, aerosols, other flammables, oxidizing agents and corrosives. Keep out of the reach of children and away from food, drink and animal foodstuffs. Vapour heavier than air. Take precautions to avoid accumulation of vapours in pits and confined spaces.
<b>Recommended Materials:</b>	No specific information available.
<b>Unsuitable Materials:</b>	No specific information available.

Section 8:	Exposure Controls/Personal Protection
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**Health Exposure Guidelines:**

A NZ Workplace Exposure Standards (WES) has been set for components in this product.

	WES-TWA	WES-STEL
Ethyl Acetate	200 ppm (720 mg/m <sup>3</sup> )	-

<b>Engineering Controls:</b>	Use only in well ventilated area. A half-face filter mask suitable for organic gases and vapours (Type A filter material) may be suitable for low concentration level exposures. Otherwise, use a full-face mask fitted with an organic vapour cartridge. Where air filtering respirators are unsuitable (e.g. air borne concentrations are high risk or oxygen deficiency, confined space) use positive pressure breathing apparatus.
<b>Personal Protective Equipment (PPE):</b>	Wear impervious antistatic protective clothing. Safety shoes or boots need to be chemically resistant. Wear appropriate chemical resistant gloves e.g. nitrile. For incidental contact, PVC, polyvinyl alcohol may be suitable. Wear chemical goggles if splash or aerosol/mist exposure risk. Refer to the relevant AS/NZ Standards for appropriate personal protective equipment.

## Section 9:

## Physical and Chemical Properties

Property	Unit of Measurement	Typical Value
Appearance:	-	Clear, colourless liquid
Odour:	-	Fruity
Odour Threshold:	-	Not available
pH:		Not applicable
Melting Point/Freezing Point:	°C	Not available
Boiling Point/Boiling Range:	°C	77.1
Flash Point:	°C	-5
Flammability:	Solid, gas	Not applicable
Upper/lower flammability limits in air:	%v/v	2.2-11.5
Vapour Pressure @ 20°C:	hPa	98.3
Vapour Density:	air=1	3.04
Relative Density @15°C :	g/cc	0.90
Solubility in Water:	mg/L	64000
Partition coefficient:	n-octanol/water	0.73
Auto-ignition temperature:	°C	427
Decomposition temperature:	°C	Not available
Kinematic viscosity:		Not available
Volatile organic carbon content:		Not available
Evaporation rate:	nBuAc=1	4.5

## Section 10:

## Stability and Activity

<b>Chemical Stability:</b>	Stable under normal conditions of storage and use.
<b>Conditions to avoid:</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Incompatibility (materials to avoid):</b>	Strong oxidizing agents.
<b>Hazardous decomposition product:</b>	Dependent on conditions under which decomposition (combustion, thermal or oxidative degradation) occurs. A complex mixture of airborne solids, liquids and gases (carbon monoxide, carbon dioxide) will be evolved.
<b>Hazardous polymerization:</b>	Not known to occur.

## Section 11:

## Toxicological Information

**Potential Health effects:** This section includes possible adverse effects which could occur if this product is not handled in the recommended manner.

<b>Acute Toxicity:</b>	May be harmful by ingestion.
<b>Aspiration Hazard:</b>	Not classified with aspiration hazard.
<b>Respiratory Irritation:</b>	Inhalation of vapours may be irritating to the respiratory system.

<b>Skin Corrosion/Irritation:</b>	Not classified as a skin irritant.
<b>Serious Eye Damage/Irritation:</b>	Serious eye irritant.
<b>Respiratory or Skin Sensitization:</b>	Not identified as contact sensitizer.
<b>Germ Cell Mutagenicity:</b>	Not identified with mutagenic properties.
<b>Carcinogenicity:</b>	Not identified with carcinogenic properties.
<b>Reproductive Toxicity:</b>	Not classified with adverse effects on fertility or the unborn child.
<b>Specific Organ Toxicity (Repeated and Single Exposure):</b>	Inhalation by repeated or prolonged exposure may cause central nervous system depression. Symptoms may include headache, dizziness and drowsiness, nausea, vomiting, narcosis and anemia.
<b>Narcotic Effects:</b>	Not classified for narcotic effects.
<b>Toxicological Information:</b>	Oral, mouse, LD <sub>50</sub> , 4100mg/kg b.w.
<b>Additional Information:</b>	Not available.

Section 12:	Hazard Identification
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<b>Eco-Toxicity:</b>	Product is not classified for eco-toxic properties.
<b>Persistence and Biodegradability:</b>	Expected to be rapidly biodegradable.
<b>Potential for Bio-Accumulation:</b>	Not expected to bio-accumulate significantly.
<b>Mobility in soil:</b>	Product has some solubility in water. May contaminate groundwater.
<b>Other Adverse Effects:</b>	Not available.
<b>Eco-Toxicity Data:</b>	Not available.

Section 13:	Disposal Considerations
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**Disposal:**

Recover and recycle product whenever possible. Send clean, dry drums to recycling facility or metal scrap re-claimer. Dispose of waste in accordance with Regional Authority or local council bylaws.

**Special Precautions:**

Ensure empty containers are vented and dry. Residues may cause an explosion hazard. Do not puncture, cut or weld unclean drums. Do not use empty drums for storing other products.

Section 14:	Transport Information
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This product is not classified as a Dangerous Goods Class 3, Packing Group II.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

<b>UN No</b>	1173
<b>Proper Shipping Name:</b>	Ethyl Acetate

<b>Class:</b>	3
<b>Sub Risk:</b>	-
<b>Packing Group:</b>	II
<b>Hazchem:</b>	3YE
<b>Marine Pollutant:</b>	No



Section 15:	Regulatory Information
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**Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Classification) Notice 2017.**

**HSNO Substance Approval Code:** HSR001041; Ethyl Acetate.

Refer to Section 2 for hazardous classification and to [www.epa.govt.nz](http://www.epa.govt.nz) for Controls and Conditions. For additional compliance information, refer to Worksafe NZ [www.worksafe.govt.nz](http://www.worksafe.govt.nz)

Section 16:	Other Information
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**Issue Date:** April 2019.  
**Replaces:** SDS Dated 25 June 2014.  
**Reasons for Issue:** Review of SDS.

**Abbreviations:**

CAS No: Chemical Abstracts Service Number  
EPA: Environmental Protection Authority  
HSNO: Hazardous Substances and New Organisms  
STEL: Short Term Exposure Limit  
TWA: Time Weighted Average  
WES: Workplace Exposure Standard

**References:**

Chemical Classification and Information Database (CCID); [www.epa.govt.nz](http://www.epa.govt.nz)  
Supplier Data Sheets for components.

**Safety data sheets are updated frequently. Please ensure you have a current copy.**

**Disclaimer:**

*Before using any product, read its label carefully and ensure that you understand its contents. The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief of the date compiled. However no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use hereof. Solvent Supplies Limited assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such users or vendor assume all risks associated with the use of the material. It is the user's responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use. The users must determine whether the use of the information and data is in accordance with local laws and regulations.*