

# SOLVENT SUPPLIES LTD

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## Section 1: Identification of the Material and Supplier

**Product Name:** Supercat Thinner  
**Product Code:** 777 SUPT  
**Product Type:** Liquid  
**Use of the substance/mixture:** Thinner  
**Uses advised against:** Not applicable  
**Company Name:** Solvent Supplies Limited  
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**Emergency Telephone:**

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

**Australia** 1800 738 383  
Australian Poisons Centre: 1800 131 126

## Section 2: Hazards Identification

This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

This material is classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

### Substance Classification:

3.1	Flammable liquids	Category C
6.1	Acute Toxicity (oral)	Category D
6.3	Skin Irritation	Category A
8.3	Corrosive to ocular tissue	Category A
9.1	Aquatic Toxicity	Category D

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9.3	Terrestrial Vertebrate Eco-toxicity	Category C
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Signal Word:

**DANGER**



**Hazard statements:**

- ✚ Flammable liquid and vapour.
- ✚ Harmful if swallowed.
- ✚ Causes skin irritation.
- ✚ Causes serious eye damage.
- ✚ Harmful to aquatic life.
- ✚ Harmful to terrestrial vertebrates.

**Prevention:**

Wear protective gloves. Wear eye or face protection. Keep away from ignition sources such as heat/sparks/open flame. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid release into the environment. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**Response:**

Immediately call a Poison Centre or doctor/physician. **If swallowed:** Rinse mouth. **If on skin (or hair):** Remove/take off immediately all contaminated clothing and wash before re-use. Rinse skin with water (or shower). Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Storage:**

Store in a well-ventilated place. Keep cool.

**Disposal:**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification:**

Prolonged or repeated contact may dry skin and cause irritation.

**Symbol:**



Section 3:

Composition/Information on Ingredients

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**Substance/Mixture:** Mixture

**CAS Number/Other Identifiers:**

<b>Chemical Ingredient:</b>	<b>CAS No:</b>	<b>Proportion %</b>
butan-1-ol:	71-36-3	30-60
n-butyl acetate:	123-86-4	30-60
4-hydroxy-4-methylpentan-2-one:	123-42-2	10-<30

There are no additional ingredients present which, within current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment or have an OEL and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

<b>Section 4:</b>	<b>First Aid Measures</b>
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**Description of Necessary First Aid Measures:**

<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. DO NOT induce vomiting.
<b>Skin Contact:</b>	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. DO NOT use solvents or thinners.
<b>Eye Contact:</b>	Check and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
<b>Inhalation:</b>	Remove to fresh air. Keep person warm and at rest. If not breathing, or if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

**Potential Acute Health Effects:**

<b>Eye Contact:</b>	Causes serious eye damage.
<b>Inhalation:</b>	No known significant effects or critical hazards.
<b>Skin Contact:</b>	Causes skin irritation. Defatting to the skin.
<b>Ingestion:</b>	Harmful if swallowed.

**Over-Exposure Signs/Symptoms:**

<b>Eye Contact:</b>	Adverse symptoms may include: pain, watering and redness.
<b>Inhalation:</b>	No specific data.
<b>Skin Contact:</b>	Adverse symptoms may include: pain or irritation, redness, dryness, cracking and blistering.
<b>Ingestion:</b>	Adverse symptoms may include stomach pains.

**Indication of immediate medical attention and special treatment needed, if necessary:**

<b>Specific Treatments:</b>	Not available.
<b>Notes to Physician:</b>	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

<b>Protection of first-aiders:</b>	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
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See toxicological information (Section 11).

Section 5:	Fire Fighting Measures
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**Extinguishing Media:**

<b>Suitable:</b>	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
<b>Not suitable:</b>	Do not use water jet.
<b>Specific hazards arising from the chemical:</b>	Flammable liquid and vapour. In a fire or if heated, a pressure will occur and the container may burst with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
<b>Hazardous thermal decomposition products:</b>	Decomposition products may include carbon oxides.
<b>Hazchem Code:</b>	Not available.
<b>Special Precautions for Fire-fighters:</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
<b>Special protective equipment for fire-fighters:</b>	Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6:	Accidental Release Measures
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<b>Personal precautions, protective equipment and emergency procedures:</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
<b>Environmental precautions:</b>	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil

	or air). Water polluting material. May be harmful to the environment if released in large quantities.
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**Minor Spills:**

Stop leak of without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

**Major Spills:**

Stop leak of without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7:	Handling and Storage
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**Precautions for safe handling:**

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eye or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material) handling equipment. Use only non-sparking tools. Take precautionary measures against electro-static discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not re-use container.

**Conditions for safe storage including incompatible materials:**

Do not store above 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8:	Exposure Controls/Personal Protection
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**Control Parameters:**

<b>Ingredient Name</b>	<b>Exposure Limits:</b>
butan-1-ol:	<b>NZ HSWA 2015 (New Zealand, 6/2016)</b> <b>Absorbed through skin.</b> WES-Ceiling: 150 mg/m <sub>3</sub> WES-Ceiling: 50 mg/m <sub>3</sub>
n-butyl acetate:	<b>NZ HSWA 2015 (New Zealand, 6/2016)</b> WES-STEL: 950 mg/m <sub>3</sub> 15 minutes WES-STEL: 200 ppm 15 minutes WES-TWA: 713 mg/m <sub>3</sub> 8 hours WES-TWA: 150 ppm 8 hours
4-hydroxy-4-methylpentan-2-one:	<b>NZ HSWA 2015 (New Zealand, 6/2016)</b> WES-TWA: 238 mg/m <sub>3</sub> 8 hours WES-TWA: 50 ppm 8 hours

**Recommended Monitoring Procedures:**

If this product contains ingredients with exposure limits, personal, workplace or atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate Engineering Controls:**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental Exposure Controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual Protection Measures:****Hygiene measures:**

Wash hands, forearms and face thoroughly after handling chemical products before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before re-using. Ensure that eyewash stations and safety showers are close to the workstation location.

**Respiratory Protection:**

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the

exposure limit, they must use appropriate certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Hand Protection:**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves:**

For prolonged or repeated handling, use the following type of gloves:

*Recommended:* Butyl rubber and neoprene.

*May be used:* Polyvinyl alcohol (PVA), Viton ® and nitrile rubber.

**Eye Protection:**

Chemical splash goggles and face shield.

**Skin Protection:**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Section 9:	Physical and Chemical Properties
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Appearance:	
Physical State:	Liquid
Colour:	Clear
Odour:	Not available
Odour Threshold:	Not available
pH:	Not available
Melting Point:	Not available
Boiling Point:	118°C (244.4°F)
Flash Point:	Closed cup: 27°C (80.6°F)
Material Supports Combustion:	Yes
Flammability (solid, gas):	Not available
Lower & Upper Explosive (Flammable) Limits:	Lower: 1% Upper: 11.2%
Vapour Pressure:	Not available
Relative Density:	0.86
Bulk Density (g/cm <sub>3</sub> ):	0.8565
Solubility:	Soluble in the following material: cold water
Partition coefficient: n-octanol/water:	Not available
Auto-Ignition Temperature:	Not available

Decomposition Temperature:	Not available
Viscosity:	Kinematic (40°C/104°F): <0.14 cm <sup>2</sup> /s (<14 cSt)

Section 10:	Stability and Activity
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<b>Stability:</b>	Stable under recommended storage and handling conditions (see Section 7).
<b>Possibility Of Hazardous Reactions:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions To Avoid:</b>	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<b>Incompatible Materials:</b>	Reactive or incompatible with the following materials: Oxidizing materials, strong acids and strong alkalis.
<b>Hazardous Decomposition Product:</b>	Depending on conditions, decomposition products may include the following material: Carbon oxides.
<b>Hazardous Polymerization:</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11:	Toxicological Information
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**Information on Likely Routes of Exposure:**

<b>Ingestion:</b>	Harmful if swallowed.
<b>Eye Contact:</b>	Causes serious eye damage.
<b>Skin Contact:</b>	Causes skin irritation: Defatting to the skin.
<b>Inhalation:</b>	No known significant effects or critical hazards.

**Symptoms Related To The Physical, Chemical and Toxicological Characteristics:**

<b>Ingestion:</b>	Adverse symptoms may include stomach pains.
<b>Eye Contact:</b>	Adverse symptoms may include the following: Pain, watering and redness.
<b>Skin Contact:</b>	Adverse symptoms may include the following: Pain or irritation, redness, dryness, cracking and blistering may occur.
<b>Inhalation:</b>	No specific data.

***Delayed and immediate effects as well as chronic effects from short and long term exposure:***

**Acute Toxicity:**

Product/Ingredient Name:	Result:	Species:	Dose:	Exposure:
<b>butan-1-ol:</b>	LC50 Inhalation Vapour	Rat	2400 mg/m <sub>3</sub>	4 hours
	LC50 Inhalation Vapour	Rat	8000 ppm	4 hours
	LD50 Dermal	Rabbit	3400 mg/kg	-
	LD50 Oral	Rat	790 mg/kg	-
<b>n-butyl acetate:</b>	LC50 Inhalation Vapour	Rat	>21.1 mg/l	4 hours
	LC50 Inhalation Vapour	Rat	2000 ppm	4 hours



	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10.768 g/kg	-
<b>4-hydroxy-4-methylpentan-2-one:</b>	LD50 Dermal	Rabbit	13500 mg/kg	-
	LD50 Oral	Rat	2520 mg/kg	-

**Conclusion/Summary:** There is no data available on the mixture itself.

***Irritation/Corrosion:***

**Conclusion/Summary:**

<b>Skin:</b>	There is no data available on the mixture itself.
<b>Eyes:</b>	There is no data available on the mixture itself.
<b>Respiratory:</b>	There is no data available on the mixture itself.

***Sensitization:***

**Conclusion/Summary:**

<b>Skin:</b>	There is no data available on the mixture itself.
<b>Respiratory:</b>	There is no data available on the mixture itself.

***Potential Chronic Health Effects:***

<b>General:</b>	Prolonged or repeated contact can de-fat the skin and lead to irritation, cracking and/or dermatitis.
<b>Carcinogenicity:</b>	No known significant effects or critical hazards.
<b>Mutagenicity:</b>	No known significant effects or critical hazards.
<b>Teratogenicity:</b>	No known significant effects or critical hazards.
<b>Developmental Effects:</b>	No known significant effects or critical hazards.
<b>Fertility Effects:</b>	No known significant effects or critical hazards.

***Chronic Toxicity:***

Not available

***Carcinogenicity:***

<b>Conclusion/Summary:</b>	There is no data available on the mixture itself.
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***Mutagenicity:***

<b>Conclusion/Summary:</b>	There is no data available on the mixture itself.
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***Teratogenicity:***

<b>Conclusion/Summary:</b>	There is no data available on the mixture itself.
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***Reproductive Toxicity:***

<b>Conclusion/Summary:</b>	There is no data available on the mixture itself.
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Not available.

***Aspiration Hazard:***

Not available.

### Numerical Measures of Toxicity:

#### Acute Toxicity Estimates:

Route:	ATE Value:
Oral:	1304.2 mg/kg
Dermal:	8000.1 mg/kg
Inhalation (vapours):	25.97 mg/l

There is no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Section 12:	Hazard Identification
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#### Eco-Toxicity:

This material is harmful to aquatic life.

#### Aquatic and Terrestrial Toxicity:

Not available.

#### Persistence and Degradability:

Not available.

#### Bio-Accumulative Potential:

Product/Ingredient Name:	LogP <sub>ow</sub> :	BCF:	Potential:
butan-1-ol:	0.88	-	Low
n-butyl acetate:	1.78	-	Low
4-hydroxy-4-methylpentan-2-one:	-0.14 to 1.03	-	Low

**Mobility in Soil:**

<b>Soil/water partition coefficient (K<sub>oc</sub>):</b>	<b>Not available</b>
<b>Other Adverse Effects:</b>	<b>No known significant effects or critical hazards.</b>

**Do not allow to enter drains or watercourses.**

Section 13:	Disposal Considerations
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**Disposal Methods:**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may contain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**Not Suitable:**

Do not allow to enter drains or waterways.

*The classification of this product may meet the criteria for a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations.*

Refer to Section 7: Handling and Storage and Section 8: Exposure Controls/Personal Protection for additional handling information and protection of employees. Section 6. Accidental Release Measures.

Section 14:	Transport Information
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	<b>NZ</b>	<b>ADG</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN Number:</b>	UN 1263	UN 1263	UN 1263	UN 1263
<b>UN Proper Shipping Name:</b>	Paint related material	Paint related material	Paint related material	Paint related material
<b>Transport Hazard Class(es):</b>	3	3	3	3
<b>Packing Group:</b>	III	III	III	III
<b>Environmental Hazards:</b>	No	No	No	No
<b>Marine Pollutant Substance:</b>	Not applicable	Not applicable	Not applicable	Not applicable

**Additional Information:**

<b>NZ</b>	None Identified
<b>ADG</b>	None Identified

<b>Hazchem Code:</b>	3Y
<b>IMDG:</b>	None Identified
<b>IATA:</b>	None Identified

**Special Precautions for User:**

*Transport within user's premises:* Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15:	Regulatory Information
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**NZ Inventory of Chemicals (NZIoC):**

All components are listed or exempted.

**HSNO Approval Number:**

HSR002662 Flammable

**Emergency Management Regulations:**

<b>Level 1:</b>	Labelling required when 1L is present in a workplace.
<b>Level 2:</b>	MSDS required when any amount is present in a workplace. At least 2 x 4.5 kg powder fire extinguishers required when 500L is present in a workplace.
<b>Level 3:</b>	Emergency Response Plans and Secondary Containment required when 1000L is stored.  Flammable Signage required when 1000L is present in a workplace.  Toxic Signage required when 10000L is present in a workplace.  Corrosive Signage required when 1000L is present in a workplace.  Eco-toxic Signage required when 10000L is present in a workplace.
<b>Classes 1 to 5 Control Regulations:</b>	<i>Hazardous Atmosphere Zones required for quantities greater than:</i> 100L (Closed), 25L (Decanting), 5L (Open Occasionally), 1L (Open Continuously). <i>Hazardous Substances Location Certificate required for quantities greater than:</i> 1500L (Containers up to 5L), 500L (Containers >5L), 250L (Open Containers).
<b>Approved Handler:</b>	Not applicable.

**Date of Issue:** September 2019

**Abbreviations:**

**CAS No:** Chemical Abstracts Number  
**EPA:** Environmental Risk Management Authority  
**HSNO:** Hazardous Substances and New Organisms  
**NZIoC:** New Zealand Inventory of Chemicals  
**STEL:** Short Term Exposure Limit  
**TWA:** Time Weighted Average  
**WES:** Workplace Exposure Standard

**References:** Not available

**Organization that prepared the MSDS:** EHS

**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.*