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“RESPONSIVE,
INNOVATIVE,
SOLUTION FINDERS”



Safety Data Sheet

Odourless Solvent

1. Identification of Material and Supplier

Product Name: Odourless Solvent
Product Code: OS
Other Names: Odourless Solvent
Recommended Use: Ideal Safe alternative to use in the classroom and studio instead of the traditional turpentine and gum turpentine due to it's low toxicity and low fume level. Solvent for diluting oil paints, cleaning brushes, lino rollers and blocks which have been used with oil based printing inks.

Company: Five Star Products Ltd
Address: 3 Chinook Place, Hornby, Christchurch 8042
Emergency Telephone: (03) 349 6514 ask for Technical Manager
Telephone/Fax number: Tel: (03) 349 6514 Fax: (03) 349 8732
New Zealand National Poison Centre: 0800 POISON (0800 764 766)

2. Hazards Identification

Classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

Signal Word: Danger
Hazard Classification: Flammable Liquids: Category 4
Specific Target organ toxicity (single exposure): category 3 (narcotic)
Aspiration hazard: Category 1

Pictogram



Hazard Statements: H227 Combustible liquid
H304 May be fatal if swallowed and enters airways
H336 May cause drowsiness or dizziness

Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response: P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P370+P378 In case of fire: Use water spray, foam or dry chemical to extinguish.

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Storage	P403 Store in a well-ventilated place. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up
Disposal	P501 Dispose of contents/container to an approved waste disposal plant.

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3. Composition/information of Ingredients

Ingredients:	CAS Reg No:	Approx Proportion
Distillates, petroleum, hydrotreated light	64742- 47- 8	100%

Allergies: To the best of our knowledge there has been no intentional addition of dairy, egg, nuts, grains, cereals, soy or gluten products to this product by either Five Star Products Ltd or our raw material suppliers. Five Star Products Ltd does, from time to time carry on site some of the above listed products for use in other products. Whilst none of our raw material suppliers SDS state that they do contain any of the above products, we are not in a position to 100% guarantee that this product is free of the above mentioned products, due to the limited knowledge of our suppliers processes. Five Star Products Ltd normal practices is not to provide a list of ingredients, due to commercial sensitivity but we welcome direct case by case communication with the end user to assist with this issue on a personal basis.

4. First Aid Measures

Inhalation:	Remove to fresh air. If difficulty in breathing or irritation occurs, seek medical attention immediately.
Ingestion:	Do not induce vomiting. Give nothing by mouth. If rapid recovery does not occur, seek medical attention.
Skin:	Wash skin thoroughly with soap and water. If irritation persists seek medical attention.
Eye:	Flush eye thoroughly with copious amounts of water for a least 15 minutes. Retract eyelids frequently. Seek medical attention if irritation persists.
Advise to doctor:	Treat symptomatically.

Health Effects

Inhalation:	Vapours concentrations above recommended exposure levels may be irritating to the eyes and respiratory tract, may cause headaches and dizziness.
Ingestion:	Minimal toxicity. May cause lung damage if swallowed.
Skin:	Low toxicity. May cause slight irritation.
Eye:	Will cause eye discomfort, but will not injure the eye tissue.

5. Fire Fighting Measures

Extinguishing media:	Foam, water spray or fog, dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use water jets.
Specific Hazards:	Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point. Keep away from sources of ignition. NO Smoking. Ventilate usage area to prevent build up of vapours.
Special Fire fighting Procedures:	May burn if heated or ignited. Vapour may form an explosive mixture in air. Evolves irritating and toxic gases on decomposition
Special protective equipment:	Wear full protective clothing and self contained breathing apparatus. Use equipment/media appropriate to surrounding fire conditions. Use water spray to cool fire exposed surfaces and to protect personnel.
Decomposition Products:	Evolves irritating and toxic gases on decomposition
Flammable limits:	In air (%vol) LEL: Not known UEL: Not known Flash point: 63°C (typical)

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Hazchem code:

NA

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6. Accidental Release Measure

Emergency Procedures: Absorb with sand or earth. Shovel up and place in a labelled, sealable container for subsequent disposal. Flush the contaminated area with plenty of water. Dyke spill and transfer to a salvage tank if possible. Absorb remainder with sand or earth and shovel to sealable containers for disposal. Could contaminate watercourse. Contaminated absorbent to be deposited in a secure landfill in accordance with Local Government regulations.

7. Handling and Storage

Precautions for safe handling: No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur. Keep the containers tightly sealed.

Conditions for safe storage: Store in a cool dry place away from direct sunlight and sources of heat.

8. Exposure Controls/Personal Protection

National Exposure standards: Tolerance = 300ppm in air.

Biological Limit Values: No biological limit values available for this product.

Engineering Controls: Provide general exhaust ventilation to keep exposure level under the standards. Tolerance = 300ppm in air.

Respiratory Protection: Use suitable protective equipment.

Eye Protection: Safety goggles or splash mask.

Hand Protection: Gloves PVC

Body Protection: Wear normal clothing covering arms and legs to reduce contact with skin.

8. Exposure Controls/Personal Protection Continued...

Other: Do not leave rags or cleaning fabrics "Screwed up" (spontaneous combustion may occur). Rinse rags thoroughly in detergent and water mix and hang out to dry for re use.

9. Physical and Chemical Properties

Appearance: Clear colourless liquid

Colour: Clear

Odour: Minimal hydrocarbon

Melting Point: NA

Boiling Point: 180°C

Solubility in Water (g/l): Insoluble

Flash Point: 63°C

Flammability: Low hazard

Auto-Ignition Temperature: Auto ignition temperature = approximately 200°C

10. Stability and Reactivity

Chemical Stability: Unusual to become unstable

Conditions to Avoid: Watercourse contamination

Incompatible Materials: Strong oxidising agents

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

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11. Toxicological Data

Acute Toxicology:

Inhalation - Vapours concentrations above recommended exposure levels may be irritating to the eyes and respiratory tract, may cause headaches and dizziness.

Ingestion - Minimal toxicity. May cause lung damage if swallowed.

Skin - Low toxicity. May cause slight irritation.

Eye - Will cause eye discomfort, but will not injure the eye tissue.

Chronic Effects - Not known.

Genetic Toxicology: NA

Reproductive Toxicology: NA

12. Ecological Information

Ecotoxicity: Avoid discharge into waterways.

Persistence and degradability: No information available for this product.

Mobility: No information available for this product.

Environmental Fate: Avoid contaminating waterways.

Bioaccumulative Potential: No information available for this product.

13. Disposal Considerations

Waste Disposal: Follow Local Government regulations for disposal of the waste. Avoid discharge into stormwater drains, sewers and waterways, contact the Local authorities if this occurs.

14. Transport Information

Transport information New Zealand: No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur.

UN Number: NA

Proper Shipping Name: NA

DG Class: NA

Hazchem Code: NA

Packing Group: NA

15. Regulatory Information

Hazard Classifications New Zealand: Group Standard: HSR001496 - Solvents (Combustible) Group Standard 2020

Toxic Substance Schedule:

16. Other Information

Revision Date: SDS Reviewed April 2024

Legend to abbreviations and Acronyms: NA = Not Applicable

C = Celcuis

Literature References: No data available

Sources for Data: No data available

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Disclaimer

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