
1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name: Taisol 120
Product Type: Solvent
Supplier: Nuvo Australia Pty. Ltd.
Address: Suite 324, 23 Milton Parade, Malvern, Victoria, 3142.
Contact Numbers:
Phone: 61 3 9822 2209
Fax: 61 3 9822 2109
Email: info@nuvo.com.au
Emergency telephone number: 0419 341 095

2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Formal Name: C14 to C17 alkanes
Substance Chemical Family: Aliphatic Hydrocarbon
CAS Number: 90622-30-3
EINECS Number: 292-447-5

3. HAZARDS IDENTIFICATION

Human health hazards: Harmful: may cause lung damage if swallowed.
Safety Hazards: Not classified as flammable but is combustible.
Environmental Hazards: No specific hazards.

4. FIRST AID MEASURES

First Aid – Inhalation: Remove to fresh air. If rapid recovery does not occur, seek medical attention.
First Aid – Skin: Wash skin with water using soap if available. Contaminated clothing must be removed as soon as possible. It must be laundered before reuse. If persistent irritation occurs, seek medical attention.
First Aid – Eye: Flush eye with water. If persistent irritation occurs, obtain medical attention.
First Aid – Ingestion: DO NOT DELAY. Do not induce vomiting. Protect the airway if vomiting begins. Give nothing by mouth. If breathing but unconscious, place in the recovery position.

If breathing has stopped, apply artificial respiration.
OBTAIN MEDICAL ATTENTION IMMEDIATELY.

Advice to Physicians: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Combustion products may include carbon monoxide and unburnt hydrocarbons. The vapour is heavier than air, spreads along the ground and distant ignition is possible.

Extinguishing Media: Foam, water spray or fog. Dry chemical powder, carbon dioxide and sand or earth may be used for small fires only.

Unsuitable Media: Do not use water in a jet. Use of Halon extinguishers should be avoided for environmental reasons.

Other Information: Keep adjacent drums and tanks cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Vapour can travel along the ground for considerable distances. Remove all possible sources of ignition in the surrounding area and evacuate all personnel. Do not breath vapour, mists. Avoid contact with skin, eyes and clothing. Take off immediately all contaminated clothing.

Personal Protection: Wear protective clothing specified for normal operations.

Environmental Precautions: Prevent from entering into drains, ditches or rivers. Use appropriate containment to avoid environmental contamination.

Cleanup methods – small spillage: Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labeled sealable container for subsequent safe disposal. Do not disperse using water.

Cleanup methods – large spillage: Transfer to a labeled sealable container for product recovery or safe disposal. Otherwise treat as for small spillage.

Other Information: Local authorities should be advised if significant spillages cannot be contained. Observe all relevant local regulations.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothes.

Handling Temperature: Between 15 and 45 degC.

Storage: Locate tanks away from heat and other sources of

ignition. Do not store in unsuitable, unlabelled or incorrectly labeled containers. Keep container tightly closed in a dry, well-ventilated place away from direct sunlight and other sources of heat or ignition. Prevent ingress of water. Drums should be correctly stacked to a maximum of 3 high. Keep in banded area. Keep out of reach of children.

Storage Temperature:	Between 15 and 45 degC.
Recommended Materials:	Use mild steel, stainless steel or containers. Use compressed asbestos fibre, PTFE, Viton A, Viton B for seals and gaskets.
Unsuitable Materials:	Natural or butyl rubbers.
Other Information:	Ensure that all local regulations regarding handling and storage facilities are followed. Never siphon by mouth.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards:	None established.
Respiratory Protection:	Not normally required. In a confined space self-contained breathing apparatus may be required.
Hand Protection:	PVC or nitrile rubber gloves if splashes are likely to occur.
Eye Protection:	Monogoggles if splashes are likely to occur.
Body Protection:	Wear overalls to minimize containment of personal clothing. Launder overalls and undergarments regularly. Safety shoes or boots – chemical resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid at ambient temperature
Colour:	Colourless
Odour:	Odourless
Initial Boiling Point:	240°C
Final Boiling Point:	295°C
Vapour Pressure:	< 0.1 kPa at 40°C
Density:	circa 760 kg/m ³ at 15°C
Kinematic Viscosity:	2-6 mm ² /s at 40°C
Vapour Density:	> 5
Flash Point:	122°C
Flammability Limit – lower:	circa 0.4%(V/V)
Flammability Limit – upper:	circa 4.3%(V/V)
Auto-ignition Temperature:	> 220°C
Explosive Properties:	In use, may form flammable/explosive vapour-air mixtures
Oxidising Properties	None
Solubility in Water:	Insoluble

10. STABILITY/REACTIVITY

Stability:	Stable.
Conditions to avoid:	Heat, flames and sparks.
Materials to avoid:	Strong oxidising agents.
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION

Basis for assessment:	Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the toxicology of similar products.
Acute toxicity – oral:	LD₅₀ >2000 mg/kg
Eye Irritation:	Expected to be non-irritant.
Skin Irritation:	Expected to be non-irritant.
Respiratory Irritation:	Expected to be non-irritant.
Skin Sensitisation:	Not expected to be a skin sensitiser.

12. ECOLOGICAL INFORMATION

Basis for Assessment:	Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the ecotoxicology of similar products.
Mobility:	Floats on water.
Persistence/degradability:	Inherently biodegradable.
Bioaccumulation:	Data not available.
Ecotoxicity:	Data not available.
Sewage Treatment:	Data not available.

13. DISPOSAL CONSIDERATIONS

Precautions:	See Section 8.
Waste Disposal:	Waste arising from a spillage or tank cleaning should be disposed of in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be

established beforehand. Do not dispose into the environment, in drains or water courses,

Product Disposal: Recycle if possible, otherwise incineration.

Container Disposal: 200 litre drums should be drained and returned to the supplier or sent a drum conditioner without removing or defacing markings or labels. Drums should no be reused without first obliterating all markings.

14. TRANSPORT INFORMATION

Not classified as dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.

15. REGULATORY INFORMATION

EC Classification: Harmful.

EC Symbols: Xn

EC Risk Phrases: R65 Harmful: may cause lung damage if swallowed.

EC Safety Phrases: S62 If swallowed, do not induce vomiting; seek medical advice and show this container or label.

16. OTHER INFORMATION

Uses and restrictions: For use as an industrial solvent.