

Product name: **SUPER SOLV**
1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION
Product name: **SUPER SOLV**

Synonyms: Super Solv WS, De Solv, Super Solvent

Recommended use: Degreasing, Separator, dissolving, oil clean-up, gum remover, Tar, Asphalt, bitumen, Solvent

Supplier: Clearchoice Products Pty Ltd

ABN: 64 086 032 135

Street Address: 1 Hilton Avenue,
Sydenham, NSW 2044

Email: info@clearchoiceproducts.com

Telephone: (02) 9557 0111

Emergency Telephone number: +61419636877

2. HAZARDS IDENTIFICATION

This material is classified as Hazardous chemical according to health criteria of Safe Work Australia, Australian Dangerous Goods (ADG) Code, IATA or IMDG /IMSBC criteria.




SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated

Signal Word

DANGER
Prevention Precautionary Statements

GHS Classification	Hazard Statement	Pictogram
Aspiration Hazard, Category 1	H304 May be fatal if swallowed and enters airways	
Skin Corrosion/Irritation, Category 2	H315 Causes skin irritation	
Acute Toxicity – Inhalation, Category 4	H332 Harmful if inhaled	

General

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

Product name: **SUPER SOLV****PREVENTATIVE**

P201 Obtain special instructions before use
 P261 Avoid breathing mist/vapours/spray
 P264 Wash thoroughly after handling
 P202 Do not handle until all safety precautions have been read and understood
 P273 Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P308 + P313 IF exposed or concerned: Get medical advice/attention
 P302+352 IF ON SKIN: Wash with plenty of soap and water
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P312 Call a POISON CENTER or doctor/physician if you feel unwell
 P331 Do NOT induce vomiting
 P332+313 If skin irritation occurs: Get medical advice/attention
 P362 Take off contaminated clothing and wash before reuse

STORAGE

P405 Store locked up

DISPOSAL

P501 Dispose of contents/container in accordance with local regulations

3. COMPOSITION INFORMATION

Chemical Entity	CAS NUMBER	PERCENT (W/W)
Distillates (Aliphatic), hydrotreated middle; Paraffin oil - unspecified	64742-47-8	20-30%
Di-limonene	5989-27-5	10-30%
2-Butoxyethanol	111-76-2	10-30%
Non-hazardous materials	N/A	10-15%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764

Description of necessary first aid measures:

Inhalation: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Symptoms caused by exposure

Inhalation: May include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

Skin: May include redness, itching and swelling, burning sensation, blisters.

Eye: May include redness, itching and tearing.

Ingestion: May cause irritation to the mouth, throat, oesophagus, and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea, coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever.

Medical attention and special treatment Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet.

Specific hazards arising from the chemical

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENT AL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

Methods and materials for containment and cleaning up

For small spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

7. HANDLING AND STORAGE

Precautions for safe handling Combustible product.

Combustible product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Flameproof equipment necessary in area where chemical is being used. Vapours may accumulate in low or confined areas

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area and not near aerosols, strong oxidants and corrosives.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure control measures In the absence of data from National Occupational Health & Safety Commission (NOHSC) Worksafe Australia, use: 1200 mg/m³ TWA (8hr)

Engineering controls Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Eye and face protection: Skin protection: Wear safety goggles. Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes. Respiratory protection: If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority. Thermal hazards: Not applicable.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Yellowish
Odour	Paraffinic
Odour Threshold (ppm)	N/A
pH:	N/A
Melting Point/Freezing Point	< 0°C
Boiling Point:	<100 °C
Flash Point:	65°C
Evaporation Rate:	N/A
Flammability:	Combustible
Upper/Lower Flammability or Explosive Limits:	1.0 – 6.0 %
Vapour Pressure	0.001
Vapour Density	>1
Density	0.81 - 0.83
Solubility	Insoluble
Partition coefficient: n-octanol/water:	N/A
Auto-ignition Temperature	>200 °C
Decomposition Temperature	N/A
Kinematic Viscosity	3.0 to 3.5 cSt at 40°C

Product name: **SUPER SOLV****10. STABILITY AND REACTIVITY**

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Protect this product from light. Avoid heat, sparks, open flames and other ignition sources.

Incompatibilities: Strong Acids & Strong oxidizing agents.

Decomposition: Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Expected to be of low toxicity - LD50 Oral (rat) > 2000 mg/kg LD50 Dermal (rat) > 2000 mg/kg LC50 Inhalation greater than near-saturated vapour concentration (rat, 4h). Skin corrosion/irritation: Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis. Serious eye damage/irritation: Mild irritant. Respiratory or skin sensitisation: Not expected to be a sensitiser. Germ cell mutagenicity: Not expected to be mutagenic. Carcinogenicity: Naphthalene - Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is possibly carcinogenic to humans. Reproductive toxicity: Not expected to impair fertility. Specific Target Organ Toxicity (STOT) – single exposure: Inhalation of vapours or mists may cause irritation to the respiratory system. Specific Target Organ Toxicity (STOT) – repeated exposure: Central nervous system: prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches. Aspiration hazard: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

12. ECOLOGICAL INFORMATION

Fish – Low toxicity: LC/EC/IC50> 1000mg/l Aquatic invertebrate – Low toxicity: LC/EC/IC50> 1000mg/l Algae – Low toxicity: LC/EC/IC50> 1000mg/l Microorganisms – Data not available

Persistence and degradability

Readily biodegradable. Oxidises by photo-chemical reactions in air.

Bioaccumulative potential

Data not available.

Mobility in soil

Floats on water. Adsorbs to soil and has low mobility.

Other adverse effects

Data not available.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of contents/container in accordance with local regulations.

14. TRANSPORT INFORMATION

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: 5 Australian Inventory of Chemical Substances (AICS): Listed Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76): Not applicable

16. OTHER INFORMATION

Literary reference

This MSDS has been prepared by Anotec Environmental Pty Ltd (anotec.com.au) Reason for issue:

latest issue

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since the manufacturer/supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. EO&E