



MATERIAL SAFETY DATA SHEET

## 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name:** GEL SOLV

**Uses:** Thickened stripper for grease, paint, ink and gum removal.

**Supplier Details:** ED Oates Pty Ltd Trading As: RESEARCH PRODUCTS

**Address:** 13-21 Maygar Boulevard, Broadmeadows, Victoria, 3047

**ABN:** 61 004 329 462      **ACN:** 004 329 462

**Telephone:** (03) 9355 6994

**Fax Number:** (03) 9359 9509

**Poisons Information Centre Telephone:** 13 11 26

## 2. HAZARDS IDENTIFICATION

**Hazard Classification:** Classified as hazardous according to criteria of NOHSC

**Poisons Schedule:** Not scheduled

**Risk Phrase(s):** R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact.

**Safety Phrase(s):** S2 Keep out of reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S37 Wear suitable gloves.

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Names	Proportion	CAS No
Terpene Hydrocarbons	< 50%	68956-56-9
N-Methyl-2-Pyrrolidone	< 20%	872-50-4
Non-ionic Surfactant	< 5%	Non Hazardous
Thickening Agent	< 1%	Non Hazardous
Anti-oxidant	< 1%	Non Hazardous
Glycol Ether	< 30%	Non Hazardous

## 4. FIRST AID MEASURES

**Swallowed:** Do NOT induce vomiting. Do NOT give an unconscious person anything to drink. Rinse mouth out with water, then give a glass of water to drink. If symptoms develop seek medical advice.

**NEVER** give anything by mouth to an unconscious person.

**Eye Exposure:** Rinse with plenty of water, including under the eyelids for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Skin Exposure:** Wash affected area with water. Remove contaminated clothing and launder before reuse. If skin irritation persists, seek medical advice.

**Inhalation:** If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** None Allocated

**Thermal decomposition:** During fire oxides of nitrogen and carbon may be produced.

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.

**Specific hazards during fire fighting:** Material can splatter above 100C/212F. Dried product will burn.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment to ensure no eye or skin exposure.  
Material can create slippery conditions.

**Environmental precautions:**

Do not allow spillage to enter drains, sewers or waterways. Mop up material or use absorbent material. If spillage enters waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

**Methods & Materials for Containment & Clean Up:**

Contain spills immediately with inert materials (e.g. sand, earth).  
Transfer liquids and solid material to separate suitable containers for recovery or disposal.

## 7. HANDLING & STORAGE

### Handling:

Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling chemicals. Keep container tightly closed. Do not breathe vapours, mist or gas.

### Storage

Keep container closed when not in use. Store in cool, well-ventilated area..

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit(s):** There is no exposure data for this product.

**Eye protection:** Wear safety glasses.

**Hand protection:** Wear suitable gloves.

**Respiratory protection;** If working in confined space or poor ventilation use appropriate respiratory protection.

**Engineering measures:** Use only in a well ventilated area. If handling large amounts a system of local and/or general exhaust is recommended.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical state:</b>	Gelatinous Liquid
<b>Colour:</b>	Pale Yellow
<b>Odour:</b>	Orange
<b>pH:</b>	Not Applicable
<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	> 61°C
<b>Lower explosion limit:</b>	Not established
<b>Upper explosion limit:</b>	Not established
<b>Vapour pressure:</b>	Not established
<b>Relative vapour density:</b>	Not established
<b>Water solubility:</b>	Partly soluble
<b>Relative density:</b>	0.94
<b>Viscosity, dynamic:</b>	Not established
<b>Evaporation rate:</b>	Not established

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY & REACTIVITY

**Hazardous Reactions:** Product may potentially react with various halogenated organic solvents, resulting in temperature and pressure increases. Heating above 60°C in the presence of aluminium can result in corrosion and generate flammable hydrogen gas.

**Materials to avoid:** As above.

**Polymerization:** Product will not polymerize.

## 11. TOXICOLOGICAL INFORMATION

No data is available for this material. The information shown is based on profiles of compositionally similar materials.

**Acute oral toxicity:** LD50 rat 1090-3320 mg/kg

**Acute dermal toxicity:** LD50 rat 1000-2950 mg/kg

## 12. ECOLOGICAL INFORMATION

### **Persistence and degradability**

Product is readily biodegradable. Materials pass OECD test for ready biodegradability.

## 13. DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with all local, state and federal regulations..

## 14. TRANSPORT INFORMATION

### **Classification for ROAD and RAIL transport;**

Not regulated (Not dangerous for transport)

### **Classification for SEA transport (IMO-IMDG):**

Not regulated (Not dangerous for transport)

### **Classification for AIR transport (IATA/ICAO):**

Not regulated (Not dangerous for transport)

## 15. REGULATORY INFORMATION

### **Label**

Classification and labelling have been performed according to regulations.

**Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR).** All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

## 16. OTHER INFORMATION

Date of Preparation: 08.08.2008

Key to Abbreviations & Acronyms Used in MSDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC50	LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NOHSC	National Occupational Health and Safety Commission.
OECD	Organisation for Economic Co-operation and Development.
PEL	Permissible Exposure Limit.
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram
g/cm <sup>3</sup>	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m <sup>3</sup>	Kilograms per cubic metre
ltr	Litre
m <sup>3</sup>	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m <sup>3</sup>	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	Weight

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Version	7.1
Revision date:	08.08.2008
Print date:	10/09/10