

## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Name:** WORKSHOP SOLVENT DEGREASER

**Recommended Use:** Engine & Parts degreasing

**Supplier:** TMK Packers Ltd

**Address:** 2/20 Trugood Drive, East Tamaki.  
PO Box 258 031, Botany, Manukau 2163

**Telephone:** (+64) 9 273 3753

**Facsimile:** (+64) 9 273 3752

**Website:** [www.tmkpackers.co.nz](http://www.tmkpackers.co.nz)

**Emergency phone:** National Poisons Centre  
0800 POISON [0800 764 766]



### 2. HAZARDS IDENTIFICATION

Product is classified as hazardous according to Schedules 1 to 6 of the *Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996.

**HSNO Classifications:** 3.1C, 6.1E (ASP), 6.1E (RESP), 6.3B, 6.4A 6.8B, 6.9A, 9.1B

**Signal word:** DANGER



#### Hazard Statements:

H226 flammable liquid and vapour.  
H304 May be harmful if swallowed.  
H316 Causes mild skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respirator irritation.  
H361 Suspected of damaging fertility or the unborn child  
H372 Causes damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

#### Prevention Statements:

P102 Keep out of reach of children.  
P103 Read label before use.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Product: WORKSHOP SOLVENT DEGREASER  
Date of Issue: 13<sup>th</sup> March 2023

Page 1 of 8



- P233 Keep container tightly closed.  
P240 Ground container and receiving equipment.  
P241 Use explosion-proof equipment.  
P242 Use non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe fumes.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product  
P271 Use only outdoors or in well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective clothing, gloves and eye protection.  
P281 Use personal protective equipment as required.

#### Response Statements:

- P101 If medical advice is needed, have product container or label at hand.  
P312 Call a POISON CENTRE or doctor if you feel unwell.  
P331 Do NOT induce Vomiting.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing.  
Rinse skin with water.  
P332 + P313 If skin irritation occurs: Get medical advice.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTRE or doctor if you feel unwell.  
P391 Collect spillage.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice.  
  
P370 + P378 In case of fire: Stop leak if safe to do so.

#### Storage Statements:

- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up

#### Disposal Statements:

- P501 Dispose of product and containers in accordance with local regulations.

### 3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS No.	Proportion (%)
Mineral Turpentine	95-63-6; 9882-8; 108-67-8	>95%
Detergent & Wetting Agents	9016-45-9 ; 8051-30-7	>5%

### 4. FIRST AID MEASURES

For advice, contact the National Poisons Centre (0800 POISON; 0800 764 766) or a doctor.  
Have product container or label available.



### Swallowed

If swallowed, do NOT induce vomiting. Rinse mouth. If person feels unwell get medical advice. Where there is risk of vomiting, lean person forward or place on left side to avoid aspiration of product into lungs.

### Skin Contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with plenty of water then wash with soap and water. If irritation persists, get medical attention.

### Eye Contact

Hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Remove contact lenses if present and easy to do after the first 5 minutes and continue rinsing. Get medical attention if irritation persists.

### Inhalation

Move the victim to fresh air immediately. Keep warm and at rest until recovered. Get medical attention if symptoms continue. Begin artificial respiration if breathing has stopped and get immediate medical attention.

### First Aid facilities

Provide eye baths and safety showers close to areas where splashing may occur.

### Medical Attention

Treat according to symptoms.

## 5. FIRE FIGHTING MEASURES

**Flashpoint:** 40°C

**Flammable limits:** Not available

### Extinguishing media:

Dry chemical, carbon dioxide or foam (general purpose synthetic foam or protein foams preferred).

### Fire & Explosion hazards:

Proper respirator equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

### Firefighting Equipment:

Full protective clothing and self-contained breathing apparatus (SCBA).

### In event of fire:

- Alert Fire Bridge (111); advise location and nature of hazard.
- Wear breathing apparatus and protective gloves.
- Shut off product that may 'fuel' a fire if safe to do so.
- If safe, switch off electrical equipment until vapour hazard removed.
- Allow trained personnel to attend a fire in progress, providing fire-fighters with this Safety Data Sheet.
- Prevent product and extinguishing media from escaping to drains and waterways.

**Hazchem Code:** 3(Y)E

## 6. ACCIDENTAL RELEASE MEASURES

Product: WORKSHOP SOLVENT DEGREASER

Date of Issue: 13<sup>th</sup> March 2023

Page 3 of 8



### Emergency Procedures & Containment:

Refer to "Fire Fighting Measures", "First Aid Measures" and "Stability and Reactivity".

#### Minor spills

- Remove or eliminate all ignition sources.
- Clean up spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Wear personal protective equipment.
- Contain and absorb small quantities with vermiculite or other absorbent material.
- Collect residues and waste material in a labeled container suitable for flammables.
- Seal container and dispose of safely.

#### Major spills

- Clear area of personnel and move upwind.
- Alert Fire Bridge (111); advise location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Stop leak if safe to do so.
- Contain spill with sand, earth, or vermiculite.
- Prevent by any means available, spillage from entering drains, sewers, watercourses, or low-lying areas.
- Eliminate sources of ignition, naked lights. No smoking.
- Increase ventilation.
- Water spray or fog may be used to disperse/absorb vapour.
- Use only spark-proof tools, e.g. shovels, and explosion proof equipment, e.g. pumps.
- Collect recoverable product into labeled containers for recycling.
- Absorb remaining product with sand, earth or vermiculite.
- Collect solid residues and seal in labeled drums for disposal.
- Wash area and prevent run off into drains.
- If contamination of drains or waterways occurs, advise Emergency Services and Local or Regional authority.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling:

Read product label before use. This product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Material will accumulate static discharge. Use outdoors or in well-ventilated area. Wear personal protective equipment. Wash hands with soap and water after handling. Wash protective clothing separate to household laundry.

#### Conditions for safe storage:

Keep out of reach of children. Store locked up in a cool, dry place away from direct sunlight. This product will fuel a fire in progress. Check containers periodically for leaks or distortion.

#### Incompatible materials:

Natural rubber, butyl rubber, EDPM, polystyrene.

## 8. EXPOSURE CONTROLS : PERSONAL PROTECTION

#### Biological limit values:

Product: WORKSHOP SOLVENT DEGREASER

Date of Issue: 13<sup>th</sup> March 2023

Page 4 of 8



None established

### Engineering Controls:

#### Ventilation:

Do not breathe vapours. Use product outdoors or in well-ventilated area. The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation in confined spaces. Use explosion-proof ventilation equipment. Use personal protective respiratory equipment if concentrations in air are unknown, or meet or exceed Health Exposure Limits.

### Personal Protective Equipment:

**Respiratory Protection:** Use NIOSH/MSHA approved respirators.

**Eye/Face Protection:** Protect eyes from splashes or vapour. It is recommended to wear chemical goggles. If exposure causes eye discomfort, use full-face respirator.

### Skin/ Body Protection:

Wear chemical resistant gloves if any risk of contact with liquid. It is also recommended to wear long sleeves and long trousers or coveralls, chemical resistant shoes or boots. Avoid skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Hazy gold/brown liquid
Odour	-	Solvent Odour
Flash Point	°C	40°C
Boiling Point	°C	Not Available
Auto-ignition temperature	°C	>200
Specific gravity @ 20°C	g/ml	0.84
Vapour Pressure @ 20°C	mmHg	Not Available
Vapour Density @ 20°C	Air =1	Not Available
Explosive Limits in Air	%v/v	Not Available
Alkalinity/acidity (as pH)	-	Not applicable
Solubility in Water	%	Readily Emulsifies
Partition Co-efficient, n-octanol/water (log P <sub>ow</sub> )		Not Available
Volatiles	%	90

The values listed are indicative of this product's physical and chemical properties.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to avoid:** Sources of heat and ignition, open flames, contact with incompatible compounds. Exposure to elevated temperatures can cause product to decompose. Avoid static discharge. Avoid conditions that favour the formation of excessive mist and/or fumes.

**Hazardous decomposition products:** Oxides of Carbon when burned

**Hazardous reactions:** Strong oxidizing agents

**Hazardous polymerization:** Not known to occur.

Product: WORKSHOP SOLVENT DEGREASER

Date of Issue: 13<sup>th</sup> March 2023

Page 5 of 8



## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

#### Ingestion

May be harmful if swallowed and if aspirated into lungs during ingestion or vomiting. Symptoms of over-exposure include headache, nausea, dizziness and tracheal burning.

#### Eye Contact

This product is irritating to eyes but will not permanently damage eye tissue.

#### Skin Contact

This product is mildly irritating to skin. Prolonged or repeated exposure will increase risk of dryness and cracking of skin.

#### Inhalation

May be irritating to nose and throat.

### Chronic Effects

Not specific effects identified.

### Other Health Effects Information:

No additional information.

### Toxicological Information:

Not available

## 12. ECOLOGICAL INFORMATION

9.1B (Fish) Species: Pimephales promelas (fatheted minnow);  
TYPE OF EXPOSURE: Flow through  
DURATION: 96 hours  
ENDPOINT: LC50  
VALUE: 7.72 mg/l

9.1B (Crustacean) Species: Cancer magister, Dungeness or edible crab  
TYPE OF EXPOSURE: Static  
DURATION: 48 hours  
ENDPOINT: LC50 (Mortality)  
VALUE: 17000 ug/L (=17mg/l)

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods:

Care should be taken to ensure compliance with national, regional and local authority regulations. Packaging may still contain vapours that are flammable. Ensure that empty packaging is allowed to dry. If not



recycled, puncture and crush before disposal to landfill. Do not use container for storage of other products.

## 14. TRANSPORT INFORMATION

UN Number: 1300  
Shipping name: Mineral Turpentine  
Class: 3  
Packing group: III  
Subsidiary Risk: 9  
Hazchem code: 3Y

### Dangerous Goods Segregation

This product is classified as Dangerous Goods Class 3, Packing Group III.  
Please consult NZS 5433:2012 Transport of Dangerous Goods on Land for information.



## 15. REGULATORY INFORMATION

Country/ Region: New Zealand  
Inventory: NZ Inventory of Chemicals  
Status: Listed

EPA New Zealand HSNO Approval Code: HSR002528

## 16. OTHER INFORMATION

Issue: 1  
Date of Issue: 13<sup>th</sup> March 2023  
Reasons for Issue: New Safety Data Sheet.  
Replaces: Not applicable.

### **Abbreviations:**

CAS No Chemical Abstracts Number  
ERMA Environmental Risk Management Authority  
HSNO Hazardous Substances and New Organisms  
NZCI New Zealand Chemical Inventory  
STEL Short Term Exposure Limit  
TWA Time Weighted Average  
WES Workplace Exposure Standard

Product: WORKSHOP SOLVENT DEGREASER  
Date of Issue: 13<sup>th</sup> March 2023

Page 7 of 8



**References:**

Supplier Material Safety Data Sheets

ERMA website: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact TMK Packers Ltd.

END OF SAFETY DATA SHEET

