

## SAFETY DATA SHEET

Date of Issue: 01/08/2007

Issue Number 1

Trade name: **Methylated Spirits Amazing Haste**

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT:** Methylated spirits  
**OTHER NAMES:** Alcohol denatured with denatonium benzoate  
**USE:** To cleaning surfaces including glass.  
**COMPANY IDENTIFICATION :** TMK Packers Ltd  
 East Tamaki, Auckland  
 New Zealand  
 tel (+64) 273 3753  
 fax (+64) 273 3752  
**Emergency Telephone Number:** **NATIONAL POISON CENTRE**  
**0800 POISON (0800 764 766)**

### 2. HAZARD IDENTIFICATION:

#### EMERGENCY OVERVIEW

#### RISK PHRASES

R11 Highly flammable  
 R20/22 Harmful by inhalation and if swallowed  
 R36 Irritating to eyes

#### SAFETY PHRASES

S2 Keep out of reach of children  
 S16 Keep away from sources of ignition – No smoking

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common name	CAS. No	%
Ethyl alcohol	64-17-5	> 95
Denatonium benzoate	3734-33-6	0.00156

### 4. FIRST AID MEASURES

Call the POISONS CENTRE, tel 0800 764 766 [ 0800 POISON ], or doctor if you feel unwell and in every case of suspected poisoning. Never give fluids or induce vomiting if the person is unconscious or convulsing regardless of the cause of injury. If breathing difficulties occur, seek medical attention immediately.

**EYES:** Hold eyes open and carefully rinse eyes with running water. Remove contact lenses, if present and easy to do. If irritation persists, get medical attention.

**SKIN:** Remove contaminated clothing and wash affected area with soap and water.

**INGESTION:** Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Centre or doctor for treatment advice.

**INHALATION:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call the POISON CENTRE [0800 764 766] or doctor for advice. If person is not breathing, begin artificial respiration. Use mouth-to-nose rather than mouth-to-mouth.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** 13 °C

**FIRE & EXPLOSION HAZARDS:** Expansion or decomposition of containers may lead to violent rupture of containers.

**FLAMMABILITY LIMITS:** Lower Limit: 3.3% Upper Limit: 24.5%

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical powder, foam.

Water spray or fog on large fires only.

**FIRE-FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and personal protection equipment.

---

## 6. ACCIDENTAL RELEASE MEASURES

**SPILLS:** Eliminate any source of ignition. Use spark proof equipment. Ground/bond container and equipment Do not contaminate watercourses or the ground. Absorb small spills with sand or other inert material. Dyke large spills with sand, soil or vermiculite. Recover liquid into suitable labeled container.

**DISPOSAL:** Dispose of waste or contaminated material in labeled containers in accordance with local regulations.

---

## 7. HANDLING AND STORAGE

**HANDLING:** Read label before use. Use in well ventilated area.

Do not breathe in vapours or mist. Protect eyes from splashes. Wash hands after use.

**STORAGE:** Highly flammable liquid. No smoking. Keep in tightly closed original container in a cool dry place, out of reach of children and away from food, drink and animal foodstuffs. Protect containers from physical damage.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE GUIDELINES:** A Workplace Exposure Standard (WES) has been set for by the Occupational Safety and Health Service , NZ Department of Labour.

Ethyl alcohol            TWA    1000 ppm        1880 mg/m<sup>3</sup>

**ENGINEERING CONTROLS:** HIGHLY FLAMMABLE LIQUID AND VAPOUR. No smoking.

Ensure equipment is explosive and spark proof. Ground/bond container and receiving equipment. Use in a well ventilated area or outdoors. Local exhaust ventilation may be required under some circumstances.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Face/Eye protection:** Protect eyes with safety glasses where there is risk of splashes.

**Skin protection:** Gloves recommended to avoid degreasing/drying of skin.

**Respiratory protection:** Use in a well-ventilated area.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Melting point (°C):	- 144 °C
Flash point (°C):	14 °C
Auto ignition temperature (°C):	363 °C
Density at 20°C, g/ml:	0.79
Solubility in water:	Completely miscible

---

## 10. STABILITY AND REACTIVITY

**STABILITY (CONDITIONS TO AVOID):** Stable under normal storage and use conditions.

Avoid naked flames, sparks, hot surfaces as low flashpoint. Forms explosive mixtures with air. Hygroscopic.

**INCOMPATIBILITY (MATERIALS TO AVOID) :** Avoid contact with strong oxidizing agents, peroxides, acid chlorides, acid anhydrides, alkali metals, and ammonia.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposes on burning.

**HAZARDOUS POLYMERIZATION:** Not known to occur.

---

## 11. TOXICOLOGICAL INFORMATION

**POTENTIAL HEALTH EFFECTS:** This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

**EYE:** Irritating to eyes.

**SKIN:** May be mildly irritating.

**INGESTION:** May be harmful if swallowed. Ingestion can cause nausea, vomiting and inebriation. Swallowing or vomiting may result in aspiration into lungs.

Contains bittering agent (denatonium benzoate) so ingestion is unlikely.

**INHALATION:** Symptoms may be as detailed for ingestion. Irritating to nose and throat.

**SYSTEMIC (OTHER TARGET ORGAN) EFFECTS:** Mild central nervous system depressant. Chronic use (ingestion) may lead to liver damage.

**CANCER INFORMATION:** No adverse effects identified.

**TERATOLOGY (BIRTH DEFECTS):** No adverse effects identified.

**REPRODUCTIVE DEFECTS:** No adverse effects identified.

**MUTAGENICITY (EFFECTS ON GENETIC MATERIAL):** No adverse effects identified.

---

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE:** No information available.

**MOVEMENT AND PARTITIONING:** No information available.

**DEGRADATION AND PERSISTENCE:** No information available.

**ECOTOXICOLOGY:** Slightly harmful to aquatic environment.

*Daphnia magna* LC50 (48 hr) 9.3 mg/L

---

## 13. DISPOSAL CONSIDERATIONS

Dispose of any waste in accordance with Regional Authority or local council bylaws. It is recommended to triple rinse empty containers with water. Dispose of small empty rinsed containers in household rubbish. Dispose of larger containers (> 1 litre ) by crushing and burying in approved landfill. Avoid disposing of containers with methylated spirit liquid residues.

---

## 14. TRANSPORT REGULATIONS

### **PUBLIC PASSENGER VEHICLE TRANSPORT:**

HSNO Regulations require product to be in sealed containers and not to exceed 2.5L per package.

### **DANGEROUS GOOD CLASSIFICATION:**

UN Number: UN 1170

Proper Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Class: 3

Subsidiary Class: -

HAZCHEM: 3 [Y]

Packing Group: II [see Section 15]

---

## 15. REGULATORY INFORMATION

**New Zealand HSNO Approval Code:** HSR002553

Denatured Ethanol Group Standard

See [www.ermanz.govt.nz](http://www.ermanz.govt.nz) for information on Controls.

**Hazard Classifications:** 3.1B, 6.4A, 9.1D



### **TRIGGER QUANTITIES BEYOND WHICH SITE AND STORAGE CONDITIONS APPLY**

**Location Certificate:** 100 L (closed containers greater than 5 L)  
250 L (closed containers up to and including 5 L)  
50 L (open containers)

**Hazardous atmosphere zone:**

100 L (closed containers)  
25 L (decanting)  
5 L (open occasionally)  
1 L (open containers in continuous use)

Fire extinguishers: 250 L

Response plans and secondary containment: 1,000 L

Workplace Signage : 250 L

**OTHER RELEVANT CONTROLS**

**Approved Handler:** Required when present in quantities greater than 250 L (when in containers greater than 5 L) or 500 L (when in containers up to and including 5 L).

**Tracked Substance:** No

**Packaging requirements:** Schedule 2 (Packing Group II ) applies when packaged in quantities less than or equal to 450 L. Schedule 4 applies when in quantities equal to or less than 1 L. In packages of less than 5 L, the package must be child resistant unless sold or supplied to a place of work where children do not have access and the substance is for use in that place of work.

---

**16. OTHER INFORMATION**

-

The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the best opinion on the subject as of the present. However, no warranty, guarantee, or representation, express or implied, is made by **xxxxxx** as to correctness or sufficiency of this information or to the results to be obtained from the use thereof.

END of SAFETY DATA SHEET