MATERIAL SAFETY DATA SHEET

PETER G'S CLEANING PRODUCTS

PETER G'S STOVE FUEL

DATE OF ISSUE: 1ST February, 2015

NON HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA
(FORMERLY ASCC, FORMERLY NOHSC) **REVISION: 04**

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

Product Name	Stove Fuel
Product Code	None
Product Use	Stove Fuel
Company Name	Peter G's
Address	Unit 3 / 27 Denninup Way Malaga WA 6090
Telephone	08 9249 1963 / 0400 411 721
Facsimile	08 9249 2654
Email	petergsmarine@bigpond.com
Emergency Number	Poisons Information Centre 13 11 26

2. HAZARD IDENTIFICATION

Hazardous Substance	This product is not classified as hazardous according to the criteria of Safe Work Australia
Dangerous Good	The product is a Class 3 Dangerous Good
Classification	None
Risk Phrases	None
Safety Phrases	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS Number	Concentration
Ethyl Alcohol	64-17-2	>95%
Water	7732-18-5	<5%
Denaturant		<0.1%

Denaturants may be one or more of the following: Methyl isobutyl ketone, fluorescein, diethyl phthalate, tertiary butyl alcohol, brucine sulphate or denatonium benzoate.

4. FIRST AID MEASURES

EYES: If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water. Seek medical attention.
SKIN: Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone if soap not available. Seek medical attention if any soreness or inflammation of skin persists. Launder affected clothing.
INGESTION: NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If the person is conscious, rinse mouth out with water ensuring that mouth wash isn't swallowed. Give about 250ml of water to drink. Do not attempt to induce vomiting. SEEK URGENT MEDICAL ATTENTION.
INHALATION: Avoid becoming a casualty. Do not enter a hazardous area without adequate breathing protection. Move to fresh air. Keep warm and rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek urgent medical attention for all but the most minor cases of over exposure.
ADVICE TO DOCTOR: Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Highly Flammable

EXTINGUISHING MEDIA: Extinguish using foam, carbon dioxide or dry chemical extinguishers. Water is not suitable for firefighting.
HAZARDOUS COMBUSTION PRODUCTS: Solvent vapours can form explosive mixtures with air in poorly ventilated conditions. Avoid all sources of ignition such as open flames, sparks, hot surfaces or burning cigarettes. The product may react with strong oxidising agents such as liquid or powdered chlorine.
PRECAUTIONS: Fire fighters should wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ensure that there are no sources of ignition present. Remove unnecessary personnel from the affected area.
Wear protective equipment as specified for handling. Cover with an absorbent such as earth, sand or a commercial absorber. Sweep up and collect in sealable containers. Dispose to approved land fill.

7. HANDLING AND STORAGE

Avoid any contact with eyes.
Store in a flammable liquids area: designated no smoking, away from all sources of ignition, out of direct sunlight in a cool well ventilated area below 25°c. Higher temperatures may cause pressure build up inside containers. Protect containers against physical damage. Ventilation along the floor is advised for bulk storage.
Class 3 Flammable Liquids should not be stored with goods of:
Class 1 Explosives
Class 2.1 Flammable Gases, where both flammable liquid and flammable gases are in bulk
Class 2.3 Poisonous Gases
Class 4.2 Spontaneously Combustible Substances
Class 5.1 Oxidising Agents (where the poisonous substances are fire risk substances)
Class 6 Poisonous (toxic) substances, where the flammable liquid is nitromethane)
Class 7 Radioactive substances

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS have not been allocated to this product. Information for ingredients is:
Methylated Spirit (64-17-5): TWA: (ppm) 1000 TWA (mg/m3) 1880 STEL (ppm) – STEL (mg/m3)-
Exposure standards represent airborne concentrations of individual substances, which according to current knowledge, should neither impair the health of, nor cause undue discomfort to nearly all workers.
Except where modified by consideration of excursion limits, exposure standards apply to long term exposure to a substance over an eight hour day, for a five day working week, over an entire working life.
Except for short term exposure limits (STELs), or where a peak value has been assigned, the exposure standards of airborne contaminates are expressed as a time weighted average (TWA) concentration of that substance over an eight hour working day, for a five day working week.
From: Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment (NOHSC:1003 (1995)).
BIOLOGICAL LIMIT VALUES: None Allocated
ENGINEERING CONTROLS: No special requirements for normal use. If handling the product in bulk, then ventilation requirements depend on the quantity of product being handled and ventilation should be sufficient to maintain vapour levels below the appropriate exposure standard.
PERSONAL PROTECTION: Not required for normal use of this product. If handling the product in bulk, safety goggles, PVC gloves or natural gloves should be worn. A half face respirator with organic solvent vapour fitter may be required for handling in poorly ventilated areas.
N.B. Take the limits of absorption into account, change filters regularly.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Slightly viscous liquid
ODOUR	Alcohol
COLOUR	Hazy
SOLUBILITY	Miscible
PH: 1% Solution	Not pertinent
BOILING POINT	78.3°c
FLASH POINT	13°c
EXPLOSIVE PROPERTIES	LEL: 3.0 UEL: 15.0%
VAPOUR PRESSURE	44mmHg
SPECIFIC GRAVITY	0.8

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Highly flammable. Solvent vapours can form explosive mixtures with air in poorly ventilated conditions.
CONDITIONS TO AVOID: Containers may explode if heated
INCOMPATIBLE MATERIALS: May react with oxidising materials such as liquid or powdered chlorine and contact should be avoided.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS REACTIONS: Vapour is heavier than air and may travel along the ground, distant ignition is possible.

11. TOXICOLOGICAL INFORMATION

INGESTION: Irritating. May cause coughing, headache, dullness, abdominal spasm and diarrhoea.
EYE: Liquid and high vapour concentration are irritating and may cause discomfort and watering of the eyes.
SKIN: Mildly irritating. Prolonged contact with the product may defat the skin and contribute to dermatitis.
INHALATION: Highly volatile. Vapours are irritating to the eyes, nose and throat and affect the central nervous system, causing coughing, headache, nausea and dizziness. Higher concentrations may cause unconsciousness and coma. Death may result from severe and continued exposure.

HEALTH HAZARDS CHRONIC

Inhalation and ingestion are the routes of entry into the body. The product may defat the skin and prolonged or repeated skin contact may contribute to dermatitis.

METHYLATED SPIRIT:	LDLo (oral, human): 1400mg/kg
	LD50 (oral, rat): 7060mg/kg
	LC50 (inhaled, rat): 20000ppm/10H
	LDLo (skin, rabbit): 20g/kg

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12. ECOLOGICAL INFORMATION

Product is hazardous to the environment.
Mobility: Not known
Persistence / Degradability: Not known
Bioaccumulation: Do not allow to enter drains or waterways

13. DISPOSAL CONSIDERATIONS

Dispose to approved land-fill

14. TRANSPORT INFORMATION

Class 3 Dangerous Good
Proper Shipping Name: Ethanol Solution (Ethyl Alcohol Solution)
UN Number: 1170
DG Class: 3
Packing Group: 11
Hazchem Code: 2YE

15. REGULATORY INFORMATION

Product is a Scheduled 5 (S5) Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons. (SUSDP)

16. OTHER INFORMATION

All information is for guidance only without warranty, representation, inducement or licence of any kind, except that it is obtained from sources believed to be accurate at the date of issue. Recommendations / Information are offered in good faith, but no warranty is implied or expressed.

Peter G's Cleaning Products 08 9249 1963
Revision Number 04
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