

SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 02.10.2018

Revision: 02.10.2018

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY**Product Name:** FRENCH POLISH**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Indoor wood finish**Details of Manufacturer or Importer:**GMR Imports
4 Bute St, Invercargill,
Southland, 9810, NZ**Phone Number:** 0800 800 718**Emergency telephone number:** 0800 800 718**2 . HAZARDS IDENTIFICATION****Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.



flame

Flammable Liquids 2

H225 Highly flammable liquid and vapour.



health hazard

Toxic To Reproduction 2

H361 Suspected of damaging fertility or the unborn child.

STOT SE 2

H371 May cause damage to organs.



Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

Acute Toxicity (Oral) 5

H303 May be harmful if swallowed.

Acute Toxicity (Dermal) 5

H313 May be harmful in contact with skin.

Acute Toxicity (Inhalation) 5

H333 May be harmful if inhaled.

HSNO Classification

3.1B - Flammable liquid - high hazard.

6.1E - Substances that are acutely toxic - May be harmful

6.4A - Substances that are irritating to the eye.

6.8B - Substances that are suspected human reproductive or developmental toxicants.

6.9B - Substances that are harmful to human target organs or systems

Signal Word Danger**Hazard Statements**

H225 Highly flammable liquid and vapour.

H303 May be harmful if swallowed.

H313 May be harmful in contact with skin.

H333 May be harmful if inhaled.

H319 Causes serious eye irritation.

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H361 Suspected of damaging fertility or the unborn child.

H371 May cause damage to organs.

Precautionary Statements

- 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/hot surfaces. No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P370+P378 In case of fire: Use to extinguish: CO2, powder or water spray.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 64-17-5	Ethanol	70.79%
	⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319	
CAS: 67-56-1	Methanol	3.6%
	⚠ Flammable Liquids 2, H225; ⚠ Acute Toxicity (Oral) 3, H301; Acute Toxicity (Dermal) 3, H311; Acute Toxicity (Inhalation) 3, H331; ⚠ Toxic To Reproduction 2, H361; STOT SE 2, H371	

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

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Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May be harmful if inhaled. May cause respiratory irritation, dizziness, nausea, vomiting and incoordination.

Skin Contact: May be harmful in contact with skin. May cause skin irritation and redness.

Eye Contact: Causes serious eye irritation.

Ingestion: May be harmful if swallowed. May cause headache, nausea, vomiting and unconsciousness.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, alcohol resistant foam, dry chemical powder or carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and various hydrocarbons.

Product is highly flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Wash spill area with self-emulsifying solvent.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames, hot surfaces and direct sunlight. Keep away from strong oxidising agents and strong acids.

Suitable packaging material: Glass or coated steel.

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8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:****CAS: 64-17-5 Ethanol**WES TWA: 1880 mg/m³, 1000 ppm**CAS: 67-56-1 Methanol**WES STEL: 328 mg/m³, 250 ppm
TWA: 262 mg/m³, 200 ppm
skin, bio**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

Respiratory Protection:

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Nitrile or PVC gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES**Appearance:****Form:**

Liquid

Colour:

Brown

Odour:

Alcoholic

Odour Threshold:

No information available

pH-Value:

No information available

Melting point/freezing point:

No information available

Initial Boiling Point/Boiling Range:

No information available

Flash Point:

13 °C

Flammability:

Highly flammable.

Auto-ignition Temperature:

No information available

Decomposition Temperature:

No information available

Explosion Limits:**Lower:**

No information available

Upper:

No information available

Vapour Pressure:

No information available

Relative Density:

0.875

Vapour Density:

No information available

Evaporation Rate:

No information available

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Solubility in Water: Partially miscible
Solubility in Solvents: Soluble in ethanol, acetone and methanol.
Partition Coefficient (n-octanol/water): No information available
Viscosity: Non-viscous

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.
Chemical Stability: Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.
Incompatible Materials: Strong oxidising agents and strong acids.
Hazardous Decomposition Products: Oxides of carbon.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

CAS: 64-17-5 Ethanol

Oral	LD ₅₀	3450 mg/kg (mouse) 7,060 mg/kg (rat)
Inhalation	LC ₅₀ /4 h	20,000 mg/l (rat)

CAS: 67-56-1 Methanol

Oral	LD ₅₀	5,628 mg/kg (rat) 7300 mg/kg (mouse)
Dermal	LD ₅₀	15,800 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	83.8 mg/l (rat)

Acute Health Effects

Inhalation:

May be harmful if inhaled. May cause respiratory irritation, dizziness, nausea, vomiting and incoordination.

Skin: May be harmful in contact with skin. May cause skin irritation and redness.

Eye: Causes serious eye irritation.

Ingestion: May be harmful if swallowed. May cause headache, nausea, vomiting and unconsciousness.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (STOT) - Single Exposure: May cause damage to organs.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

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Existing Conditions Aggravated by Exposure: No information available**Additional toxicological information:** No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Negligible ecotoxicity.**Aquatic toxicity:****CAS: 64-17-5 Ethanol**

EC ₅₀ /48 h	>10,000 mg/l (daphnia)
	>100 mg/l (selenastrum capricornutum)
EC ₅₀ /72 h	275 mg/l (algae)
LC ₅₀ /96 h	15,300 mg/l (fathead minnow)
LC ₅₀ /48 h	>100 mg/l (golden orfe)

CAS: 67-56-1 Methanol

LC ₅₀ /96 h	13,500-17,600 ppm (lepomis macrochirus)
	19,500-20,700 ppm (rainbow trout)
LC ₅₀ /96 h	28,200 mg/l (fathead minnow)

Persistence and Degradability: Biodegradable.**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** This product is volatile and soluble in water.**Other adverse effects:** No further relevant information available.

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number	
NZS 5433	UN1263
IMDG, IATA	UN1263
Proper Shipping Name	
NZS 5433	PAINT
IMDG, IATA	PAINT
Dangerous Goods Class	
NZS 5433	3 Flammable liquids.
IMDG Class:	3 Flammable liquids.
Packing Group:	
NZS 5433	II
IMDG, IATA	II
EMS Number:	F-E,S-E
Hazchem Code:	3YE
Special Provisions:	163

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Limited Quantities: 5L
Excepted quantities (EQ) E2
Packagings & IBCs - Packing Instruction: P001, IBC02
Packagings & IBCs - Special Packing Provisions: PP1
Portable Tanks & Bulk Containers - Instructions: T4
Portable Tanks & Bulk Containers - Special Provisions: TP1, TP8, TP28

15 . REGULATORY INFORMATION**HSNO Approval Code / Group Standard:**

Surface Coatings and Colourants (Flammable) Group Standard 2017
 HSNO Approval Number: HSR002662

New Zealand Inventory of Chemicals

All ingredients are listed.

16 . OTHER INFORMATION**Date of Preparation or Last Revision:** 02.10.2018**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC₅₀: Lethal concentration, 50 percent
 LD₅₀: Lethal dose, 50 percent
 IARC: International Agency for Research on Cancer
 STEL: Short Term Exposure Limit
 TWA: Time Weighted Average
 WES: Workplace Exposure Standard
 Flammable Liquids 2: Flammable liquids – Category 2
 Acute Toxicity (Oral) 3: Acute toxicity – Category 3
 Acute Toxicity (Oral) 5: Acute toxicity – Category 5
 Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A
 Toxic To Reproduction 2: Reproductive toxicity – Category 2
 STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

Disclaimer

This SDS is prepared in accord with the New Zealand Chemical Industry Council document 'Code of Practice (No. HSNO CoP 8-1 09-06)'.

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