

SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY**Product Name:** YACHT VARNISH**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Varnish**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 3 H226 Flammable liquid and vapour.



health hazard

Carcinogenicity 1A H350 May cause cancer.

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.



Skin Sensitisation 1A H317 May cause an allergic skin reaction.

HSNO Classification

3.1C - Flammable liquid - medium hazard.

6.1E - Substances that are acutely toxic - May be harmful, Aspiration hazard.

6.5B - Substances that are contact sensitisers.

6.7A - Substances that are known or presumed human carcinogens.

Signal Word Danger**Hazard Statements**

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H304 May be fatal if swallowed and enters airways.

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.

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P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use to extinguish: CO ₂ , 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	Component	Percentage
64742-48-9	Naphtha (petroleum), hydrotreated heavy ⚠️ Aspiration Hazard 1, H304; Flammable Liquids 4, H227	47.65%
96-29-7	2-Butanone oxime ⚠️ Carcinogenicity 2, H351; STOT SE 2, H371; ⚠️ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312; Acute Toxicity (Inhalation) 4, H332; Serious Eye Damage/Irritation 2A, H319; Skin Sensitisation 1, H317; Flammable Liquids 4, H227; Skin Corr. 3, H316; Aquatic Acute 3, H402; Aquatic Chronic 3, H412	0.760%
13586-82-8	Hexanoic acid, 2-ethyl-, cobalt salt ⚠️ Respiratory Sensitisation 1, H334; Carcinogenicity 1A, H350; Toxic To Reproduction 1B, H360; STOT RE 1, H372; ⚠️ Serious Eye Damage/Irritation 2A, H319; Skin Sensitisation 1, H317	0.255%

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. 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. Do not remove clothing if stuck to skin.

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.

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. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention.

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Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation, burning sensation, coughing and wheezing.

Skin Contact: May cause an allergic skin reaction. May cause skin irritation and redness.

Eye Contact: May cause eye irritation, redness and watering.

Ingestion: May cause irritation and redness of the mouth and throat. May be fatal if swallowed and enters airways.

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 toxic fumes.

Product is flammable. Vapours may form explosive mixtures in air. 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.

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.

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. Contaminated work clothing must not be allowed out of the workplace. 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 and other sources of ignition. Keep away from strong oxidising agents and acids. Store only in original packaging.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

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Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

Protective 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:	Pale brown
Odour:	Paraffinic.
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	150 - 190 °C
Flash Point:	38 °C
Flammability:	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:	0.905
Vapour Density:	No information available
Evaporation Rate:	Moderate
Solubility in Water:	Immiscible
Solubility in Solvents:	Soluble in benzene.
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	Highly 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 and other sources of ignition.

Incompatible Materials: Strong oxidising agents and strong acids.

Hazardous Decomposition Products: Toxic fumes.

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11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:		
CAS: 64742-48-9 Naphtha (petroleum), hydrotreated heavy		
Oral	LD ₅₀	>5,000 mg/kg (rat)
Dermal	LD ₅₀	>3,000 mg/kg (rabbit)
CAS: 96-29-7 2-Butanone oxime		
Oral	LD ₅₀	3,700 mg/kg (rat)
Dermal	LD ₅₀	200-2,000 mg/kg (rat)
Inhalation	LC ₅₀ /4 h	20 mg/l (rat)

Acute Health Effects**Inhalation:** May cause respiratory irritation, chest tightness, coughing and wheezing.**Skin:** May cause an allergic skin reaction. May cause skin irritation and redness.**Eye:** May cause eye irritation, redness and watering.**Ingestion:**

May cause irritation and redness of the mouth and throat. May be fatal if swallowed and enters airways.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** May cause cancer.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

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

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

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

Aspiration Hazard: May be fatal if swallowed and enters airways.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Negligible ecotoxicity.**Aquatic toxicity:**

CAS: 64742-48-9 Naphtha (petroleum), hydrotreated heavy	
LC ₅₀ /96 h	2,200 mg/l (fathead minnow)
LC ₅₀ /48 h	>1,000 ppm (golden orfe)

Persistence and Degradability: Biodegradable.**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.**Mobility in Soil:** Readily absorbed into soil.

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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	III
IMDG, IATA	III
EMS Number:	F-E, <u>S-E</u>
Hazchem Code:	3Y
Special Provisions:	163, 223
Limited Quantities:	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Packagings & IBCs - Packing Instruction:	P001, IBC03, LP01
Packagings & IBCs - Special Packing Provisions:	PP1
Portable Tanks & Bulk Containers - Instructions:	T2
Portable Tanks & Bulk Containers - Special Provisions:	TP1, TP29

15 . REGULATORY INFORMATION

HSNO Approval Code / Group Standard:

Surface Coatings and Colourants (Flammable, Toxic [6.7]) Group Standard 2017

HSNO Approval Code: HSR002669

New Zealand Inventory of Chemicals

All ingredients are listed.

16 . OTHER INFORMATION

Date of Preparation or Last Revision: 03.07.2019**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

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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 3: Flammable liquids – Category 3
Flammable Liquids 4: Flammable liquids – Category 4
Acute Toxicity (Oral) 4: Acute toxicity – Category 4
Skin Corr. 3: Skin corrosion/irritation – Category 3
Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A
Respiratory Sensitisation 1: Respiratory sensitisation, Hazard Category 1
Skin Sensitisation 1: Skin sensitisation, Hazard Category 1
Skin Sensitisation 1A: Skin sensitisation, Hazard Category 1A
Carcinogenicity 1A: Carcinogenicity – Category 1A
Carcinogenicity 2: Carcinogenicity – Category 2
Toxic To Reproduction 1B: Reproductive toxicity – Category 1B
STOT SE 2: Specific target organ toxicity (single exposure) – Category 2
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Aspiration Hazard 1: Aspiration hazard – Category 1
Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

Disclaimer

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