

# 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:** PAINT DRIERS**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Paint drier**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

Respiratory Sensitisation 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Carcinogenicity 1A

H350 May cause cancer.

Toxic To Reproduction 1B

H360 May damage fertility or the unborn child.

STOT RE 2

H373 May cause damage to organs through prolonged or repeated exposure.



corrosion

Serious Eye Damage/Irritation 1

H318 Causes serious eye damage.



Skin Sensitisation 1

H317 May cause an allergic skin reaction.

Skin Corr. 3

H316 Causes mild skin irritation.

**HSNO Classification**

3.1C - Flammable liquid - medium hazard.

6.3B - Substances that are mildly irritating to the skin.

6.5A - Substances that are respiratory sensitisers.

6.5B - Substances that are contact sensitisers.

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

6.8A - Substances that are known or presumed human reproductive or developmental toxicants.

(Contd. on page 2)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 1)

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

8.3A - Substances that are corrosive to ocular tissue.

**Signal Word** Danger**Hazard Statements**

H226 Flammable liquid and vapour.

H316 Causes mild skin irritation.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

**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.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 [In case of inadequate ventilation] wear respiratory protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see on this label).

P314 Get medical advice/attention if you feel unwell.

P362+P364 Take off contaminated clothing and wash it before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P370+P378 In case of fire: Use to extinguish: CO<sub>2</sub>, 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.

(Contd. on page 3)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 2)

<b>Hazardous Components:</b>		
CAS: 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	5.97%
CAS: 71-36-3	1-Butanol ⚠ Flammable Liquids 3, H226; ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; Skin Corrosion/Irritation 2, H315; Acute Toxicity (Dermal) 5, H313; Acute Toxicity (Inhalation) 5, H333	4.16%
CAS: 95-63-6	Benzene, 1,2,4-trimethyl- ⚠ Flammable Liquids 3, H226; ⚠ STOT SE 2, H371; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Toxicity (Inhalation) 4, H332; Serious Eye Damage/Irritation 2A, H319; Acute Toxicity (Oral) 5, H303; Skin Corr. 3, H316; Aquatic Acute 2, H401	2.25%
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom. ⚠ Aspiration Hazard 1, H304; Flammable Liquids 4, H227	1.5%
CAS: 108-67-8	Mesitylene ⚠ Flammable Liquids 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ Serious Eye Damage/Irritation 2A, H319; Skin Corr. 3, H316; Aquatic Acute 2, H401	0.375%

## 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. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May be harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation and chest tightness.

Skin Contact: May cause an allergic skin reaction. Causes mild skin irritation and ulceration.

Eye Contact: Causes serious eye damage and redness.

Ingestion: May cause gastrointestinal irritation, redness of the mouth and throat and vomiting. May cause nausea and unconsciousness.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

Alcohol resistant foam, dry chemical powder or carbon dioxide. Do not use water.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.

Product is flammable.

Closed containers may explode when exposed to extreme heat. Use water spray to cool fire exposed containers.

(Contd. on page 4)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 3)

**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.

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. 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, hot surfaces and direct sunlight. Keep away from strong oxidising agents and acids. Store only in original packaging.

**8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Standards:****CAS: 71-36-3 1-Butanol**

WES	Ceiling limit: 150 mg/m <sup>3</sup> , 50 ppm skin
-----	---

**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

**Respiratory Protection:**

Use an approved type A 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 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.

(Contd. on page 5)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 4)

**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:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Blue
<b>Odour:</b>	Paraffinic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	150 - 190 °C
<b>Flash Point:</b>	38 °C
<b>Flammability:</b>	Flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Relative Density at 20 °C:</b>	0.820
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Solubility in Solvents:</b>	Soluble in most organic solvents.
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	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:** Oxidising agents and strong acids.

**Hazardous Decomposition Products:** Oxides of carbon.

## 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****CAS: 71-36-3 1-Butanol**

Oral	LD <sub>50</sub>	790 mg/kg (rat)
Dermal	LD <sub>50</sub>	3,400 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	8,000 mg/l (rat)

**CAS: 95-63-6 Benzene, 1,2,4-trimethyl-**

Oral	LD <sub>50</sub>	5,000 mg/kg (rat)
Dermal	LD <sub>50</sub>	3,160 mg/kg (rabbit)

(Contd. on page 6)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 5)

Inhalation	LC <sub>50</sub> /4 h	18 mg/l (rat)
<b>CAS: 64742-95-6 Solvent naphtha (petroleum), light arom.</b>		
Oral	LD <sub>50</sub>	>6,800 mg/kg (rat)
Dermal	LD <sub>50</sub>	>3,400 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	>10.2 mg/l (rat)
<b>CAS: 108-67-8 Mesitylene</b>		
Oral	LD <sub>50</sub>	5,000 mg/kg (rat)

**Acute Health Effects****Inhalation:**

May be harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation and chest tightness.

**Skin:** May cause an allergic skin reaction. Causes mild skin irritation and ulceration.

**Eye:** Causes serious eye damage and redness.

**Ingestion:**

May cause gastrointestinal irritation, redness of the mouth and throat and vomiting. May cause nausea and unconsciousness.

**Skin Corrosion / Irritation:** Causes mild skin irritation.

**Serious Eye Damage / Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitisation:**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

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

**Carcinogenicity:** May cause cancer by inhalation.

**Reproductive Toxicity:** May damage fertility or the unborn child.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

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

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

May cause damage to organs through prolonged or repeated exposure.

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

**Chronic Health Effects:** Prolonged skin contact may cause progressive ulceration.

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

**Additional toxicological information:** No information available

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:****Aquatic toxicity:****CAS: 71-36-3 1-Butanol**

EC<sub>50</sub>/48 h 1,328 mg/l (daphnia)

EC<sub>50</sub>/96 h 225 mg/l (selenastrum capricornutum)

LC<sub>50</sub>/96 h 1,376 mg/l (fathead minnow)

**CAS: 95-63-6 Benzene, 1,2,4-trimethyl-**

LC<sub>50</sub>/96 h 7.19-8.28 mg/l (fathead minnow)

(Contd. on page 7)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 6)

<b>CAS: 108-67-8 Mesitylene</b>	
EC <sub>50</sub> /24 h	50 mg/l (daphnia)
LC <sub>50</sub> /96 h	9.89-15.05 mg/l (goldfish)

**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** This product is insoluble and is absorbed only slowly into soil.**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

<b>UN Number</b>	
<b>NZS 5433</b>	UN2163
<b>IMDG, IATA</b>	UN1263
<b>Proper Shipping Name</b>	
<b>NZS 5433</b>	PAINT
<b>IMDG, IATA</b>	PAINT
<b>Dangerous Goods Class</b>	
<b>NZS 5433</b>	3 Flammable liquids.
<b>IMDG Class:</b>	3 Flammable liquids.
<b>Packing Group:</b>	
<b>NZS 5433</b>	III
<b>IMDG, IATA</b>	III
<b>EMS Number:</b>	F-E, <u>S</u> -E
<b>Hazchem Code:</b>	3Y
<b>Special Provisions:</b>	163, 223
<b>Limited Quantities:</b>	5L
<b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC03, LP01
<b>Packagings &amp; IBCs - Special Packing Provisions:</b>	PP1
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T2
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP1, TP29

## 15 . REGULATORY INFORMATION

**HSNO Approval Code / Group Standard:**

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

HSNO Approval Number: HSR002669

(Contd. on page 8)

# SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 03.07.2019

Revision: 03.07.2019

**Product Name: PAINT DRIERS**

(Contd. of page 7)

<b>New Zealand Inventory of Chemicals</b>
All ingredients are listed.

<b>16 . OTHER INFORMATION</b>
-------------------------------

**Date of Preparation or Last Revision:** 03.07.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.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)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: 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

Acute Toxicity (Dermal) 5: Acute toxicity – Category 5

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Skin Corr. 3: Skin corrosion/irritation – Category 3

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

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

Carcinogenicity 1A: Carcinogenicity – Category 1A

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

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aspiration Hazard 1: Aspiration hazard – Category 1

Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). 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)'. The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. GMR Imports makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.