

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:** SURFACE CLEANER**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Cleaner**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

STOT SE 2

H371 May cause damage to organs.



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

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.

6.4A - Substances that are irritating to the eye.

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

Signal Word Warning**Hazard Statements**

H226 Flammable liquid and vapour.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

H371 May cause damage to organs.

Precautionary Statements

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.

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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.
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+P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: 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: 112-34-5	2-(2-butoxyethoxy)ethanol	20%
	 STOT SE 2, H371;  Serious Eye Damage/Irritation 2A, H319; Flammable Liquids 4, H227; Acute Toxicity (Oral) 5, H303; Acute Toxicity (Dermal) 5, H313; Acute Toxicity (Inhalation) 5, H333; Skin Corr. 3, H316	

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.

Ingestion:

If swallowed, do not induce vomiting. Immediately give 500 mL of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause irritation of the throat and chest tightness.

Skin Contact: Causes mild skin irritation and redness.

Eye Contact: Causes serious eye irritation and redness.

Ingestion: May cause vomiting. May cause lung congestion and shortness of breath.

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5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water fog, alcohol resistant foam, dry chemical powder or carbon dioxide. For large fires water fog and alcohol resistant foam are preferred.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is 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. Clean spill area with a detergent. Avoid using solvents.

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 and other sources of ignition. Keep away from strong oxidising agents.

Suitable packaging material: Glass or coated steel. Do not use plastic containers.

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.

Respiratory Protection:

Use an approved 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.

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Skin Protection:

PVC or 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.

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 blue
Odour:	Paraffinic
Odour Threshold:	No information available
pH-Value:	~7
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	160 °C
Flash Point:	23 - 55 °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 at 20 °C:	0.870
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Solubility in Solvents:	Soluble in most organic solvents.
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 and other sources of ignition.

Incompatible Materials: Strong oxidising agents.

Hazardous Decomposition Products: Oxides of carbon.

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11 . TOXICOLOGICAL INFORMATION**Toxicity:****LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

Oral	LD ₅₀	5,660 mg/kg (rat)
Dermal	LD ₅₀	4,000 mg/kg (rabbit)

Acute Health Effects**Inhalation:** May cause irritation of the throat and chest tightness.**Skin:** Causes mild skin irritation and redness.**Eye:** Causes serious eye irritation and redness.**Ingestion:** May cause vomiting. May cause lung congestion and shortness of breath.**Skin Corrosion / Irritation:** Causes mild skin irritation.**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:** Based on classification principles, the classification criteria are not met.**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**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available**12 . ECOLOGICAL INFORMATION****Ecotoxicity:** Toxic to aquatic life.**Aquatic toxicity:****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

EC ₅₀	>100 mg/l (algae)
EC ₅₀ /48 h	>100 mg/l (daphnia)
LC ₅₀	>100 mg/l (golden orfe)

Persistence and Degradability: Expected to be biodegradable.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** This product is partially volatile and insoluble 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.

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Special Precautions for Landfill or Incineration:

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

14 . TRANSPORT INFORMATION

UN Number	
NZS 5433	UN 1263
IMDG, IATA	UN1263
Proper Shipping Name	
NZS 5433	PAINT RELATED MATERIAL
IMDG, IATA	PAINT RELATED MATERIAL
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,S-E
Hazchem Code:	3Y
Special Provisions:	163, 223
Limited Quantities:	5L
Excepted quantities (EQ)	E1
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) 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 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

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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) 5: Acute toxicity – Category 5

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

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

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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