



VIRTUE +

# All Round 2 GO

Safety Data Sheet

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Connect online  
@ Virtue Plus

## 1 Identification

**Product Name:** ALLROUND2GO

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:**  
Concentrated universal cleaner. For industrial use only.

**Details of Manufacturer or Importer:**

Virtue Plus  
13 Fawkner Ave,  
Kings Meadows TAS 7249

**Phone Number:** (03) 6344 8400

**Emergency telephone number:** 1800 205 506, +64 7958 2372

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



flame

Flammable Liquids 3

H226 Flammable liquid and vapour.



corrosion

Skin Corrosion/Irritation 1B

H314 Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation 1

H318 Causes serious eye damage.



Acute Toxicity (Oral) 4

H302 Harmful if swallowed.

Acute Toxicity (Dermal) 4

H312 Harmful in contact with skin.

Acute Toxicity (Inhalation) 4

H332 Harmful if inhaled.

**Signal Word** Danger

**Hazard Statements**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.

**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.

P242 Use only non-sparking tools.

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P243	Take precautionary measures against static discharge.
P260	Do not breathe dusts or mists.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
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.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
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.

#### Hazardous Components:

CAS: 64-17-5	Ethanol ⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319	10 - <25%
CAS: 141-43-5	2-Aminoethanol ⚠ Skin Corrosion/Irritation 1B, H314; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312; Acute Toxicity (Inhalation) 4, H332; Flammable Liquids 4, H227	10 - <21%
CAS: 68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Skin Corrosion/Irritation 2, H315	5 - <10%
CAS: 160875-66-1	Poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy- ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302	3 - <6.1%
	Alkylglucosid ⚠ Serious Eye Damage/Irritation 1, H318	1 - <3%
CAS: 13598-36-2	Phosphonic acid ⚠ Skin Corrosion/Irritation 1A, H314; ⚠ Acute Toxicity (Oral) 4, H302	1 - <2%

### 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.

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**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: Harmful if inhaled. May cause respiratory irritation, shortness of breath and coughing.

Skin Contact: Harmful in contact with skin. Causes severe skin burns.

Eye Contact: Causes serious eye damage.

Ingestion: Harmful if swallowed. May cause stomach perforation.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Use fire extinguishing methods suitable to surrounding conditions. Water fog or fine spray foam or ABC powder. Do not use full water jet.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon.

Product is flammable.

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. Product is slippery if spilled.

**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. Rinse spill area with plenty of water.

### 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. 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 in original container. Keep tightly closed when not in use.

Protect from extreme temperatures. Do not store below -5 °C. Keep away from acids and oxidising agents. Do not store with foodstuffs. Storage area should have an alkali-resistant floor.

Recommended storage temperature: 5 - 25 °C.

Storage life: 3 years.

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## 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 64-17-5 Ethanol**WES TWA: 1880 mg/m<sup>3</sup>, 1000 ppm**CAS: 141-43-5 2-Aminoethanol**WES STEL: 15 mg/m<sup>3</sup>, 6 ppmTWA: 7.5 mg/m<sup>3</sup>, 3 ppm**Engineering Controls:**

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

**Respiratory Protection:**

Respiratory protection is not required under normal use conditions.

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:**

Alkali-resistant 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:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Dark violet.
<b>Odour:</b>	Product specific
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	~11 (100%)
<b>Melting point/freezing point:</b>	-4 - 4 °C
<b>Initial Boiling Point/Boiling Range:</b>	~100 °C
<b>Flash Point:</b>	28 °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>	Not determined
<b>Density at 20 °C:</b>	1.04 g/cm <sup>3</sup>
<b>Vapour Density:</b>	Not determined.
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Completely miscible

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**Partition Coefficient (n-octanol/water):** No information available**Viscosity:** No information available

## 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:** Extreme temperatures. Do not expose to temperatures below -5 °C.**Incompatible Materials:** Acids and oxidising agents.**Hazardous Decomposition Products:** Oxides of carbon.

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****CAS: 64-17-5 Ethanol**

Oral	LD <sub>50</sub>	>2000 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	>20 mg/l (rat)

**CAS: 141-43-5 2-Aminoethanol**

Oral	LD <sub>50</sub>	1515 mg/kg (rat)
Dermal	LD <sub>50</sub>	2504 mg/kg (rabbit)
Inhalation	LC <sub>50</sub>	>1.3 ppm (rat)

**Acute Health Effects****Inhalation:** Harmful if inhaled. May cause respiratory irritation, shortness of breath and coughing.**Skin:** Harmful in contact with skin. Causes severe skin burns.**Eye:** Causes serious eye damage.**Ingestion:** Harmful if swallowed. May cause stomach perforation.**Skin Corrosion / Irritation:** Causes severe skin burns.**Serious Eye Damage / Irritation:** Causes serious eye damage.**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:**

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:** 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

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## 12 Ecological Information

### Ecotoxicity:

#### Aquatic toxicity:

##### CAS: 64-17-5 Ethanol

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

##### CAS: 141-43-5 2-Aminoethanol

EC <sub>50</sub>	>1,000 mg/l (activated sludge inhibition)
EC <sub>50</sub> /48 h	65 mg/l (daphnia)
LC <sub>50</sub> /96 h	349 mg/l (carp)
	33-93 mg/l (daphnia)
	125-2,070 mg/l (fathead minnow)
	170 mg/l (goldfish)

**Persistence and Degradability:** No further relevant information available.

**Bioaccumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

**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> ADG, IMDG, IATA	UN1987
<b>Proper Shipping Name</b> ADG, IMDG, IATA	ALCOHOLS, N.O.S. (Ethanol)
<b>Dangerous Goods Class</b> ADG Class:	3 Flammable liquids.
<b>Packing Group:</b> ADG, IMDG, IATA	III
<b>EMS Number:</b>	F-E,S-D
<b>Hazchem Code:</b>	•3Y
<b>Special Provisions:</b>	223, 274
<b>Limited Quantities:</b>	5L
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC03, LP01

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**Portable Tanks & Bulk Containers - Instructions: T4****Portable Tanks & Bulk Containers - Special Provisions:**

TP1, TP29

### 15 Regulatory Information

#### Australian Inventory of Chemical Substances:

CAS: 64-17-5	Ethanol
CAS: 141-43-5	2-Aminoethanol
CAS: 68891-38-3	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts
CAS: 160875-66-1	Poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy-
CAS: 13598-36-2	Phosphonic acid

#### Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

### 16 Other Information

**Date of Preparation or Last Revision:** 20.09.2018**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)

#### Abbreviations and acronyms:

ADG: Australian Dangerous Goods

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

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Liquids 2: Flammable liquids – Category 2

Flammable Liquids 3: Flammable liquids – Category 3

Flammable Liquids 4: Flammable liquids – Category 4

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A

Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B

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

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

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

#### Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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