

# Safety Data Sheet

according to WHS Regulations

Printing date 07.06.2019

Revision: 07.06.2019

## 1 Identification

**Product Name:** VISION TECH TOWELETTE

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Towelette for cleaning.

**Details of Manufacturer or Importer:**

Always Dry  
 13/48 Hutchinson street  
 Burleigh Heads  
 Queensland 4226

**Phone Number:** 1300 761 617

**Emergency telephone number:** 1300 761 617

## 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 2

H225 Highly flammable liquid and vapour.



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

**Signal Word** Danger

**Hazard Statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**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.

P243 Take precautionary measures against static discharge.

P264 Wash hands thoroughly after handling.

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.

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.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

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## 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	72%
CAS: 67-63-0	Propan-2-ol ⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H336	6.9%

## 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 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 cause respiratory irritation, dizziness, weakness, nausea, headache and narcosis.

Skin Contact: May cause skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause nausea, vomiting, diarrhoea and stomach cramps.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Dry chemical powder or carbon dioxide are suitable for small fires. For large fires use water fog or foam.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and silicon.

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. 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.

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**Methods and Materials for Containment and Cleaning Up:**

Pick up spilt towelettes and absorb spilt liquid 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 detergent and 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.

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, mineral acids, aldehydes and halogens. Store below 50°C.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 64-17-5 Ethanol**NES TWA: 1880 mg/m<sup>3</sup>, 1000 ppmWES TWA: 1880 mg/m<sup>3</sup>, 1000 ppm**CAS: 67-63-0 Propan-2-ol**NES STEL: 1230 mg/m<sup>3</sup>, 500 ppmTWA: 983 mg/m<sup>3</sup>, 400 ppmWES STEL: 1230 mg/m<sup>3</sup>, 500 ppmTWA: 983 mg/m<sup>3</sup>, 400 ppm

**Engineering Controls:** Ensure adequate ventilation of the working area.

**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:**

Rubber gloves are recommended. 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.

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## 9 Physical and Chemical Properties

**Appearance:****Form:** Foil-packaged towelette soaked with liquid.**Colour:** Clear, colourless**Odour:** Alcohol-like**Odour Threshold:** No information available**pH-Value:** No information available**Melting point/freezing point:** No information available**Initial Boiling Point/Boiling Range:** 77.8 °C**Flash Point:** 18.3 °C (Tag Open Cup)**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 at 25 °C:** 44 hPa**Relative Density at 25 °C:** 0.8**Vapour Density:** >1 (Air = 1)**Evaporation Rate:** 1.5 (Butyl acetate = 1)**Solubility in Water:** Soluble**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:** Heat, sparks, open flames and other sources of ignition.**Incompatible Materials:** Strong oxidising agents, mineral acids, aldehydes and halogens.**Hazardous Decomposition Products:** Oxides of carbon and silicon.

## 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> 7,060 mg/kg (rat)Inhalation LC<sub>50</sub>/4 h 20,000 mg/l (rat)**CAS: 67-63-0 Propan-2-ol**Oral LD<sub>50</sub> 5,045 mg/kg (rat)Dermal LD<sub>50</sub> 12,800 mg/kg (rabbit)Inhalation LC<sub>50</sub>/4 h 30 mg/l (rat)**Acute Health Effects****Inhalation:** May cause respiratory irritation, dizziness, weakness, nausea, headache and narcosis.**Skin:** May cause skin irritation.**Eye:** Causes serious eye irritation.

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**Ingestion:** May cause nausea, vomiting, diarrhoea and stomach cramps.**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:**

Isopropyl alcohol is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**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:** Repeated or prolonged skin exposure may cause drying and de-fatting of the skin.**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

## 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: 67-63-0 Propan-2-ol**

EC <sub>50</sub> /48 h	100 mg/l (daphnia)
EC <sub>50</sub> /72 h	100 mg/l (scenedesmus subspicatus)
LC <sub>50</sub> /96 h	1,400 mg/l (bluegill)
	9,640 mg/l (fathead minnow)
LC <sub>50</sub> /48 h	8,970 mg/l (golden orfe)

**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.

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**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	UN1170
<b>Proper Shipping Name</b> ADG, IMDG, IATA	ETHANOL
<b>Dangerous Goods Class</b> ADG Class:	3 Flammable liquids.
<b>Packing Group:</b> ADG, IMDG, IATA	II
<b>EMS Number:</b>	F-E,S-D
<b>Hazchem Code:</b>	•2YE
<b>Special Provisions:</b>	144
<b>Limited Quantities:</b>	1L
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC02
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T4
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP1

**15 Regulatory Information****Australian Inventory of Chemical Substances:**

CAS: 64-17-5 Ethanol

CAS: 67-63-0 Propan-2-ol

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

Not Scheduled.

**16 Other Information****Date of Preparation or Last Revision:** 07.06.2019**Prepared by:** MSDS.COM.AU Pty Ltd

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

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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**Disclaimer**

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