

# Mystic

## 1. Identification of the substance/mixture and supplier

|                            |  |
|----------------------------|--|
| <b>Product Name</b>        | <b>Mystic</b>                            |
| <b>Other names</b>         | None                                     |
| <b>Recommended Uses</b>    | Reodorant, Air freshener                 |
| <b>Supplier</b>            | Clark Products Limited                   |
| <b>Street address</b>      | 24-28 Niven Street<br>Onekawa<br>Napier  |
| <b>Telephone Number</b>    | (06) 843 6049                            |
| <b>Facsimile</b>           | (06) 843 2758                            |
| <b>Emergency Telephone</b> | 0800 CHEMCALL (24 hours)<br>0800 243 622 |

## 2. Hazards Identification

|                                 |   |
|---------------------------------|---|
| <b>Dangerous goods</b>          | Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.   |
| <b>Hazardous Substances</b>     | Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.   |
| <b>HSNO Classification</b>      | 3.1C (flammable liquid, medium hazard)<br>6.4A (irritating to eyes)<br>9.1D (slightly harmful to the aquatic environment)   |
| <b>Hazard Statements</b>        | Flammable liquid and vapour. Causes eye irritation. Harmful to aquatic life.  |
| <b>Precautionary Statements</b> | Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames. No smoking. Take precautionary measures against static discharge. Use only non sparking tools and explosion-proof electrical equipment. Ground container and receiving equipment. Store in a well ventilated place. Keep cool. Keep container tightly closed. Wear eye protection. Wash hands and exposed skin thoroughly after handling. Avoid release to the environment. |

## 3. Composition/Information on Ingredients

| <b>Contents</b>       | <b>CAS Number</b> | <b>Proportion</b> |
|-----------------------|-------------------|-------------------|
| Ethanol               | 64-17-5           | <35%              |
| Fragrance             | --                | <8%               |
| Benzalkonium chloride | 8001-54-5         | <1%               |
| Nonionic surfactant   | --                | <1%               |
| Green Dye             | --                | <0.01%            |
| Water                 | 7732-18-5         | To 100%           |

## 4. First Aid Measures

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor  
Have product container or label at hand.

|                         |   |
|-------------------------|---|
| <b>Swallowed</b>        | Do <u>NOT</u> induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Call a POISON CENTRE or doctor/physician if you feel unwell.                        |
| <b>Eye Contact</b>      | Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists get medical attention.                              |
| <b>Skin Contact</b>     | Remove/take off immediately all contaminated clothing and wash before reuse. Rinse skin with water. If skin irritation occurs get medical attention.                                |
| <b>Inhaled</b>          | Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.  |
| <b>Advice to Doctor</b> | Keep patient under observation and treat symptomatically as indicated by the patient's condition. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766 |

## 5. Fire-fighting Measures

|                                     |  |
|-------------------------------------|--|
| <b>Specific Hazard</b>              | Flammable liquid. May form flammable mixtures with air. Burns with a colourless flame. The vapour is heavier than air and may travel along the ground; distant ignition and flash back are possible. Avoid all ignition sources. Burning can produce carbon monoxide and/or carbon dioxide.  |
| <b>Suitable Extinguishing Media</b> | Alcohol resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use water jets.  |
| <b>Fire-fighting advice</b>         | On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self contained breathing apparatus and suitable protective equipment if risk of exposure to vapour or products of combustion. Heating can cause expansion or decomposition which can lead to the containers exploding. If safe to do so remove containers from the path of the fire |
| <b>Special Fire Precautions</b>     | Wear full protective clothing and self-contaminated breathing apparatus.   |
| <b>Hazchem Code</b>                 | 3[Y]   |

## 6. Accidental Release Measures

Avoid contact with skin and eyes. Ventilate contaminated area thoroughly. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. No smoking, avoid sparks. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk. Absorb using inert material, collect and seal in properly labelled containers or drums for safe disposal. Flush contaminated area with plenty of water. Retain washings as contaminated waste. Do not wash material down the drain or sewer. If contamination of sewers or waterways has occurred, advise local Emergency Services

## 7. Handling and Storage

|                        |  |
|------------------------|--|
| <b>Handling advice</b> | Before use carefully read product label. Avoid skin and eye contact and breathing in vapours. All sources of possible ignition must be eliminated. Vapour may travel a considerable distance and cause flashback. Wear protective clothing impervious gloves and safety glasses when handling. DO NOT eat drink or smoke when handling. Always wash hands with soap and water after use. Take precautionary measures against static discharge. Use only non sparking tools and explosion-proof electrical equipment. |
| <b>Storage advice</b>  | Store in a cool dry place and out of direct sunlight. Store away from foodstuffs. Store away from heat and sources of ignition. Store away from oxidising agents and acids. Keep out of reach of children. Keep containers closed when not in use-check regularly for leaks.   |

## 8. Exposure Controls/Personal Protection

### Workplace Exposure Guidelines

No value assigned to this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, exposure standards for constituent:

Ethanol NZ WES-TWA: 1880 mg/m<sup>3</sup>

As published by the New Zealand Occupational Safety and Health Service (OSH). WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure.

These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Engineering Controls

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

### Personal Protective Equipment

Wear chemical goggles if eye contact is likely. Wear PVC or rubber gloves where repeated or prolonged contact is likely or contact with broken or sensitive skin is possible. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. Physical and Chemical properties

|                         |                      |
|-------------------------|----------------------|
| <b>Appearance</b>       | Clear, green liquid  |
| <b>Odour</b>            | Characteristic odour |
| <b>Solubility</b>       | Miscible with water  |
| <b>Specific Gravity</b> | 0.95 approx (20°C)   |
| <b>Flash Point (°C)</b> | Not available        |
| <b>pH</b>               | Not available        |
| <b>Melting Point</b>    | Not available        |
| <b>Boiling Point</b>    | Not available        |

## 10. Stability and Reactivity

|                   |   |
|-------------------|---|
| <b>Stability</b>  | Stable under ordinary conditions.   |
| <b>Reactivity</b> | Keep away from heat, sources of ignition and open flames. Decomposes to form oxides of carbon. Incompatible with oxidising agents, acids, acid chlorides, alkali metals, ammonia and potassium tert-butoxide. |

## 11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this safety data sheet and the product label. Symptoms that may arise if the product is mishandled or overexposure occurs are:

|                           |   |
|---------------------------|---|
| <b>Swallowed</b>          | Slightly toxic if swallowed. Irritation of mouth. Signs of intoxication including dizziness, narcosis (drunkenness) and coma in severe cases.   |
| <b>Eye Contact</b>        | Irritant to eyes, by vapour and liquid contact.   |
| <b>Skin Contact</b>       | Contact with skin may result in irritation. Prolonged or repeated exposure may have a degreasing effect on skin.  |
| <b>Inhaled</b>            | Harmful by inhalation. Vapour is moderately irritating to mucous membranes and respiratory tract.   |
| <b>Long Term Effects</b>  | Repeated or prolonged exposure by inhalation or ingestion to ethanol based product may cause damage to the liver  |
| <b>Toxicological Data</b> | No specific data available for product.<br>However for component ethanol:<br>Acute Oral LD50 (ingestion) (rat) 7060 mg/kg<br>Acute inhalation LC50 (rat) > 20,000 ppm/hr<br>Skin (rabbit) Mild irritant |

## 12. Ecotoxicological information

Avoid contaminating waterways. Ethanol has a low potential for bioaccumulation and is substantially biodegradable in water.

|                         |  |
|-------------------------|--|
| <b>Aquatic toxicity</b> | No specific data available for product.<br>However for component ethanol:<br>LC50/96-hour values for fish are over 11,200 mg/L |
|-------------------------|--|

## 13. Disposal

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Advise flammable nature. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with local authority requirements. Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local regulations. This product is NOT for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

**Special Precautions for land fill or incineration:** The product is considered to be a hazardous waste because of its flammability. If feasible, recycle. Otherwise, dispose of by burning in an approved incinerator. Take care in igniting as product and residues are flammable. In all cases, disposal should be in accordance with regulations. Emptied containers retain vapour and product residue and may therefore present explosive and irritant vapour hazards. Drain container and allow it to dry with ventilation to remove liquid and vapour. Observe all safeguards on label and in this MSDS until container is cleaned, reconditioned or destroyed. **DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.** In all cases disposal should be in accordance with regulations.

## 14. Transport information

### Road and Rail Transport

Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.

|                             |  |
|-----------------------------|--|
| <b>UN No</b>                | 1993                                       |
| <b>Class-primary</b>        | 3, Flammable                               |
| <b>Packing Group</b>        | III  |
| <b>Proper Shipping Name</b> | FLAMMABLE LIQUID, N.O.S (contains ethanol) |
| <b>Hazchem Code</b>         | 3[Y]                                       |

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

|                             |  |
|-----------------------------|--|
| <b>UN No</b>                | 1993                                       |
| <b>Class-primary</b>        | 3, Flammable                               |
| <b>Packing Group</b>        | III  |
| <b>Proper Shipping Name</b> | FLAMMABLE LIQUID, N.O.S (contains ethanol) |

### Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

|                             |  |
|-----------------------------|--|
| <b>UN No</b>                | 1993                                       |
| <b>Class-primary</b>        | 3, Flammable                               |
| <b>Packing Group</b>        | III  |
| <b>Proper Shipping Name</b> | FLAMMABLE LIQUID, N.O.S (contains ethanol) |

## 15. Regulatory Information

|                                |   |
|--------------------------------|---|
| <b>ERMA (NZ) Approval code</b> | HSR002528   |
| <b>Group Standard</b>          | Cleaning Products (Flammable) Group Standard 2006   |
| <b>HSNO Classification</b>     | 3.1C (flammable liquid, medium hazard)<br>6.4A (irritating to eyes)<br>9.1D (slightly harmful to the aquatic environment) |

## 16. Other information

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