



## Multi Super Surface Spray



### Product Code:

25MULTI

### Size:

500g

### Description:

For home and industrial use. Multi Super Surface Spray Disinfectant is specifically designed to thoroughly clean a wide range of surfaces without rinsing.

### Approvals:

NZFSA Approved C32 (all animal products except dairy)

### Features & Benefits:

- The foam spray cuts through grease and disinfects surfaces without the need for rinsing.
- Multi Super Surface Spray Disinfectant does not contain abrasives so it won't damage even the most delicate surfaces.
- Multi Super Surface Spray Disinfectant is ideal for: stove tops, bench tops, switches, tiles, toilets, shower bases, bathroom rails, plug holes, doors, appliances and all those everyday places where grease and grime accumulate - thus making it a truly multi-purpose cleaner.
- It is an environmentally friendly spray as it does not contain ozone damaging CFC's (Chlorofluorocarbons).
- The can is environmentally friendly as it is able to be recycled once empty.



## Multi Super Surface Spray

### Hazards Identification:

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA IN THE HS (MIN DEG OF HAZ) REGS 2001  
CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO NZS 5433.

### Composition:

Ingredient

ETHYLENE GLYCOL MONOBUTYL ETHER

Formula C6-H14-O2

Conc. <10%

CAS No. 111-76-2

Ingredient

WATER

Formula H2O

Conc. >60%

CAS No. 7732-18-5

Ingredient

HYDROCARBON PROPELLANT

Conc. 10 - 30%

Ingredient

ALKALINE SALTS

Conc. <10%

Ingredient

SURFACTANT

Conc. <10%

Ingredient

PERFUME

Conc. <10%

Ingredient

QUATERNARY AMMONIUM COMPOUND

Conc. <10%

### First Aid Measures:

#### Ingestion:

For advice, contact a Poisons Information Centre on 0800 764 766 (0800 POISON) or +643 479 7248 (New Zealand) or a doctor.

If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

#### Inhalation:

If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

#### Eye Contact:

Hold eyelids apart and flush continuously with water or sterile saline solution. Continue until advised to stop by the Poisons Information Centre or for at least 15 minutes.

#### Skin Contact:

Gently flush affected areas with water.

#### Advice to Doctor/Medical Staff:

Treat symptomatically.

### Accidental Release Measures:

#### Spillage:

If can is punctured, clear area of all unprotected personnel and ventilate area.

Wear splash-proof goggles, PVC/rubber gloves, a Type A-Class P1 (Organic vapour and Particulate) respirator (where an inhalation risk exists) and coveralls.

Collect and allow to discharge outdoors.

Absorb residues with sand or similar and place in clean containers for disposal.



## Multi Super Surface Spray

### Fire Fighting Measures:

#### Flammability:

Highly flammable liquid/ aerosol.  
Vapours may form explosive mixtures with air.  
May evolve toxic gases (carbon/ nitrogen oxides, chlorides, hydrogen chloride, hydrocarbons) when heated to decomposition.

#### Fire & Explosion:

Highly flammable - explosive aerosol.  
Evacuate area and contact emergency services.  
Toxic gases (hydrocarbons, carbon/nitrogen oxides, chlorides, hydrogen chloride) may be evolved when heated.  
Remain upwind and notify those downwind of hazard.  
Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.  
Use waterfog to cool intact containers and nearby storage areas.

#### Extinguishing:

Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. Absorb runoff with sand or similar.

#### Hazchem Code:

2Y

### Handling & Storage:

#### Handling:

Use safe work practices to avoid eye or skin contact and inhalation. Observe good personal hygiene. Prohibit eating, drinking and smoking in contaminated areas. Wash hands before eating. Remove contaminated clothing and protective equipment before entering eating areas.

#### Storage:

Store in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents (eg. peroxides, hypochlorites), acids (eg. sulfuric acid), heat sources and foodstuffs.  
Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.  
Check regularly for leaks or spills.  
Large storage areas should have appropriate ventilation.  
Do not allow product to freeze.

### Exposure Controls:

#### Ventilation:

Do not inhale vapours.  
Use in well ventilated areas.  
In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended.  
Maintain vapour levels below the recommended exposure standard.

#### Exposure Standards:

ETHYLENE GLYCOL MONOBUTYL ETHER  
(111-76-2)  
ES-TWA : 25 ppm (121 mg/m<sup>3</sup>) SKIN

#### Personal Protection Equipment (PPE):

Wear splash-proof goggles or safety glasses.  
Where heavy skin contamination is likely or with prolonged use, wear PVC/rubber gloves and coveralls or protective clothing.





## Multi Super Surface Spray

### Properties:

Appearance: CLEAR LIQUID (AEROSOL DISPENSED)

Odour: MILD ODOUR

pH: NOT AVAILABLE

Vapour Pressure: NOT AVAILABLE

Vapour Density: NOT AVAILABLE

Boiling Point: NOT AVAILABLE

Melting Point: NOT AVAILABLE

Evaporation Rate: NOT AVAILABLE

Solubility (water): DISPERSIBLE

Specific Gravity: 0.76

% Volatiles: NOT AVAILABLE

Flammability: HIGHLY FLAMMABLE

Flash Point: < 20 C (Propellant)

Upper Explosion Limit: NOT AVAILABLE

Lower Explosion Limit: NOT AVAILABLE

Autoignition Temperature: NOT AVAILABLE

### Stability & Reactivity:

#### Reactivity:

Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulfuric acid), heat and ignition sources.

#### Decomposition Products:

May evolve toxic gases (carbon/ nitrogen oxides, chlorides, hydrogen chloride, hydrocarbons) when heated to decomposition.

### Ecological Information:

#### Environment:

Hydrocarbon propellants will quickly evaporate from soil or water and enter the atmosphere.

In the atmosphere propellants are expected to exist entirely in the vapour phase and will react with hydroxyl radicals. Estimated half lives vary from 6 days (butane) to 13 days (propane).

Hydrocarbon propellants are not ozone depleting.

### Toxicological Information:

#### Health Hazard Summary:

Low to moderate toxicity. This product can cause adverse effects if contents are deliberately concentrated and inhaled. Those individuals with existing eye, skin or respiratory complaints may be more susceptible to adverse effects. Use safe work practices to avoid direct eye/ skin contact and inhalation of vapours at high levels. Possible sensitising agent. Ethylene glycol monobutyl ether may cause severe liver and kidney damage. However, due to product form and low amount present, adverse health effects are not anticipated with normal use of this product.

#### Eye:

Irritant-corrosive with direct contact. Exposure may result in lacrimation, irritation, pain, redness, conjunctivitis and corneal burns. Vapour may cause irritation.

#### Inhalation:

Low irritant. Over exposure to vapours/ mists may result in respiratory irritation, nausea, and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low levels present, a health hazard is not anticipated unless used in large amounts in poorly ventilated areas.

#### Skin:

Low irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

#### Ingestion:

Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea and vomiting. However, due to product form, ingestion is considered unlikely.

#### Toxicity Data:

ETHYLENE GLYCOL MONOBUTYL ETHER  
(111-76-2)

LC50 (Inhalation) : 700 ppm (mouse)

LD50 (Skin) : 230 mg/kg (guinea pig)

LD50 (Ingestion) : 300 mg/kg (rabbit)



## Multi Super Surface Spray

### Disposal Considerations:

#### Waste Disposal:

For small amounts absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer for additional information.

#### Legislation:

Dispose of in accordance with relevant local legislation.

### Transport Information:

#### Transport:

Class 2.1 Flammable gas. Do not transport with chemicals of class;

- 1 (Explosives),
- 3 (Flammable liquids),
- 4.1 (Flammable solids),
- 4.2 (Spontaneously combustibles),
- 4.3 (Dangerous when wet),
- 5.1 (Oxidising agents),
- 5.2 (Organic Peroxides),
- 7 (Radioactives) and foodstuffs.

#### UN Number:

1950

#### Shipping Name:

Aerosols.

#### Dangerous Goods Class:

2.1

#### Subsidiary Risks:

None allocated.

#### Packing Group:

None Allocated

#### Hazchem Code:

2Y

### Regulatory Information:

#### Poison Schedule:

A poison schedule number has not been allocated to this product using the criteria in The Toxic Substances Regulations 1983.

### Other Information:

AEROSOL CANS may explode at temperatures approaching 50 C.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure.

If respiratory equipment must be worn ensure correct respirator selection and training is undertaken.

Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

#### Supplier Name

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