SAFETY DATA SHEET
750ML SUPER PROFESSIONAL ANTIVIRAL DISINFECTANT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name 750ML SUPER PROFESSIONAL ANTIVIRAL DISINFECTANT
Product number 800-277-0029 V1
Container size 750mL

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Detergent. Disinfecting and cleaning.

1.3. Details of the supplier of the safety data sheet
Supplier Mirius™
A Coventry Group Company
Woodhams Road
Siskin Drive
Coventry
CV3 4FX
Tel: +44 (0) 02476 639 739
Fax: +44 (0) 02476 639 717
Email: sales@mirius.com

Contact person For content of safety data sheet;, sds@mirius.com

1.4. Emergency telephone number
Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)
National emergency telephone number In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements
Hazard statements NC Not Classified
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Precautionary statements
P264 Wash contaminated skin thoroughly after handling.
P262 Do not get in eyes, on skin, or on clothing.
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.
P501 Dispose of contents/container in accordance with local regulations.

Biocide Labelling
This product contains substances with biocidal properties. Contains active substance: Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16)), 0.125g/100g

Detergent labelling
< 5% disinfectants

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Composition comments None of the ingredients are required to be listed.

SECTION 4: First aid measures

4.1. Description of first aid measures
Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

4.2. Most important symptoms and effects, both acute and delayed
Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed
Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture
Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3. Advice for firefighters
Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.
**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

**Environmental precautions**
Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

**Methods and material for containment and cleaning up**
Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

**Reference to other sections**
For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Usage precautions**
Provide adequate ventilation. Avoid contact with skin and eyes.

**Advice on general occupational hygiene**
No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions**
Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)**

**Specific end use(s)**
The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure controls/Personal protection**

**8.1. Control parameters**

**Ingredient comments**
None of the ingredients are required to be listed.

**ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)) (CAS: 68424-85-1)**

**DNEL**
- Workers - Dermal; Long term systemic effects: 5.7 mg/kg/day
- Workers - Inhalation; Long term systemic effects: 3.96 mg/m³
- General population - Oral; Long term systemic effects: 3.4 mg/kg/day
- General population - Dermal; Long term systemic effects: 3.4 mg/kg/day
- General population - Inhalation; Long term systemic effects: 1.64 mg/m³
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PNEC
- Fresh water; 0.001 mg/l
  Intermittent release, Fresh water; 0 mg/l
  marine water; 0.001 mg/l
  STP; 0.4 mg/l
  Sediment (Freshwater); 12.27 mg/kg
  Sediment (Marine water); 13.09 mg/kg
  Soil; 7 mg/kg

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation.

Eye/face protection
No specific eye protection required during normal use.

Hand protection
For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body protection
Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.

Hygiene measures
When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection
Respiratory protection not required.

Environmental exposure controls
Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Liquid.

Colour
Colourless.

Odour
Odourless.

pH
pH (concentrated solution): 10.0 typically

Melting point
Not determined.

Initial boiling point and range
Not applicable.

Flash point
Not determined.

Evaporation rate
Not determined.

Flammability (solid, gas)
Not applicable.

Upper/lower flammability or explosive limits
No information available.

Vapour pressure
Not determined.

Vapour density
Not determined.

Relative density
1.000 typically @ 20°C
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Solubility(ies) Soluble in water.
Partition coefficient No information available.
Auto-ignition temperature Not determined.
Decomposition Temperature Not determined.
Viscosity Not determined.
Explosive properties There are no chemical groups present in the product that are associated with explosive properties.
Explosive under the influence of a flame Not considered to be explosive.
Oxidising properties The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
Comments Information given is applicable to the product as supplied.

9.2. Other information
Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid
Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials
Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral
Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal
Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation
Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.
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**Skin corrosion/irritation**
Not classified. Based on available data the classification criteria are not met.

**Serious eye damage/irritation**
Not classified. Based on available data the classification criteria are not met.

**Respiratory sensitisation**
Not sensitising. Based on available data the classification criteria are not met.

**Skin sensitisation**
Not classified. Based on available data the classification criteria are not met.

**Germ cell mutagenicity**
Genotoxicity - in vitro
Does not contain any substances known to be mutagenic.

**Carcinogenicity**
Carcinogenicity
Does not contain any substances known to be carcinogenic.

**Reproductive toxicity**
Reproductive toxicity - fertility
Does not contain any substances known to be toxic to reproduction.

**Specific target organ toxicity - single exposure**
STOT - single exposure
Not classified as a specific target organ toxicant after a single exposure.

**Specific target organ toxicity - repeated exposure**
STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

**General information**
This product has low toxicity.

**Inhalation**
No specific health hazards known.

**Ingestion**
May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact**
Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

**Eye contact**
May cause temporary eye irritation.

### SECTION 12: Ecological Information

**Ecotoxicity**
There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity

**Toxicity**
Not considered toxic to fish.

12.2. Persistence and degradability

**Persistence and degradability**
There are no data on the degradability of this product. The surfactant(s) contained in this product comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

**Bioaccumulative potential**
No data available on bioaccumulation.

**Partition coefficient**
No information available.
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12.4. Mobility in soil
Mobility  The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment  This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects  None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
General information  The generation of waste should be minimised or avoided wherever possible.
Disposal methods  The packaging must be empty (drop-free when inverted). Wash with plenty of water. Waste packaging should be collected for reuse or recycling. Refer to manufacturer/supplier for information on recovery/recycling. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General  The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
Not applicable.

14.2. UN proper shipping name
Not applicable.

14.3. Transport hazard class(es)
No transport warning sign required.

14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant  No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
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EU legislation

Guidance
Workplace Exposure Limits EH40.
COSHH Essentials.
ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment
Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Revision comments
This is the first issue.

Revision date
04/03/2020

Revision
1

SDS number
21992

Risk phrases in full
Not classified.

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