

OUTBREAK-19

SDS

ANTI VIRAL AND ANTI BACTERIAL

Sanitisation/Sterilisation of up to 99.9%

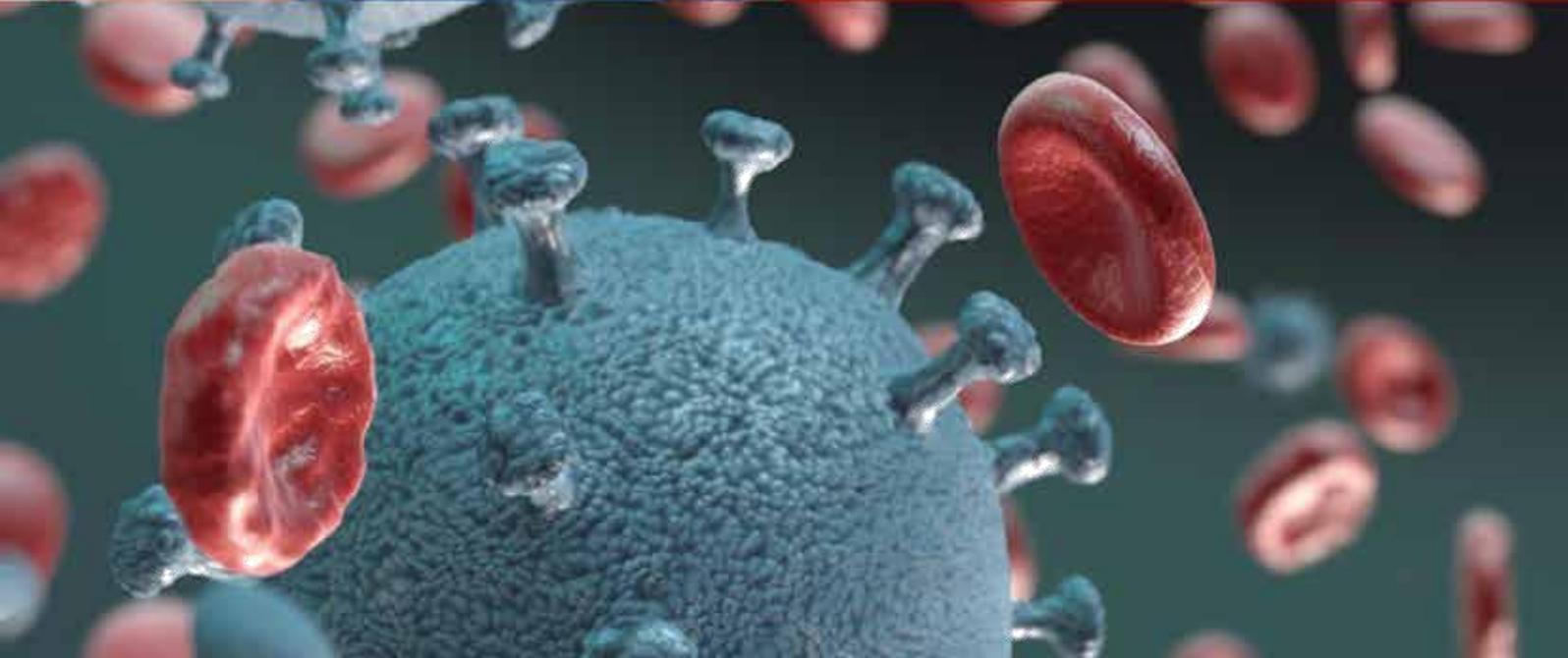


**PREMIXED SOLUTION DESIGNED
FOR SURFACE SPRAYING**

Aerosol atomisation, personal
sanitisation, all area Human, Animal,
Material.

20 Litres

Small and large quantities
available on request



DISTRIBUTED BY



**KSR(WA)
Pty Ltd**



AEC- Advanced Emergency Corporation
 44 Brady St Virginia SA 5120
 SDS Creation: 22nd March 2020

SAFETY DATA SHEET

PRODUCT NAME: **OUTBREAK-19**
 Classified as non-hazardous according to criteria of N O H S C & GHS
 Compliance TGA Approval **(Please refer to attached document
 regarding santising agent)**

ISSUE DATE: 22nd March 2020

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **OUTBREAK-19**

RECOMMENDED USE: Premixed solution designed for surface spraying, Aerosol atomisation, personal sanitisation, all area Human, Animal, Material, Organic non organic- Anti Viral- Anti Bacterial Sanitisation/Sterilisation of up to 99,9% Effectiveness against Viral Bacterial, Mould, Fungi, and other Germicidal based Bacterial and Viral spores (Microorganisms)

OUTBREAK-19: Designed to be dispersed through all micro spray hand pumps, Fog machines, Spray pumps, Aerosol cans, Shower systems, Aerial and ground dispersion for the neutralisation, containment Of Viral and Bacterial Microorganisms.

EQUIPMENT: Product is designed for usage at the premixed solution ratio of 3% Product can be distributed through all spray and variable spray type equipment. Fine micron particulate atomisation is best.

PROPORTION RATIO: Premix Solution

COMPANY NAME: AEC, Advanced Emergency Corporation
ADDRESS: 44 Brady Street, Virginia
 South Australia, 5120
 Australia

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 + 61 8 8380 9976 (International)

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24 HOUR EMERGENCY: 041 8825 300 (in Australia)
 +61 418 825 300 (International)

SAFETY DATA SHEET**PRODUCT NAME: OUTBREAK-19****SECTION 1 IDENTIFICATION OF THE SUBSTANCE**

INFORMATION ON COMPOSITION:

Product Name: OUTBREAK-19

INGREDIENTS NAME:	PROPORTION:
Food Grade Hydrogen Peroxide	= 3
Anionic Surfactant Proprietary Blend	= 0.5
Alcohol	= 1.00
Benzalkonium Chloride	= 0.0020
Polyhexamethylene Biguanide	= 0.020
Didecyl Dimethyl Ammonium Chloride	= 0.020
Glycerine	= 0.300
Filtered H2O	= 95.158

2. HAZARD IDENTIFICATION

NOTES: Classified as non-hazardous according to the criteria of N O H S C. Not classified as a dangerous good according to the A D G code. TGA Approval (**Please refer to attached document regarding santising agent**)

RISK PHRASES: R 36 Irritating to eyes

SAFETY PHRASES: S 2 Keep out of reach of children
S24/25 Avoid contact with skin and eyes

HAZARD CATEGORY: Nil

SYMPTOMS AND EFFECTS: May dry skin on prolonged contact

OTHER HAZARD INFORMATION: Nil

3. FIRST AID MEASURES

INHALATION: Remove person to fresh air. Investigate possible misuse of material. Seek medical attention.

INGESTION: Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.

EYES: Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Remove contact lenses. Seek immediate medical assistance.

SKIN: Wash affected areas with water.

FIRST AID FACILITIES: Normal washroom facilities.

ADVICE TO DOCTOR: Treat symptomatically.

4. FIRE FIGHTING MEASURES

FIRE HAZARDS: Nil

CONDITIONS OF FLAMMABILITY: Not flammable under normal conditions of use, not considered a fire fighting risk. Prevent spillage from entering drains and water ways in large quantities.

SUITABLE EXTINGUISHING MEDIA:

SPECIFIC HAZARDS: Nil

FLASH POINT: Product is not flammable

LOWER FLAMMABLE LIMIT: Product is not flammable

UPPER FLAMMABLE LIMIT: Product is not flammable

FIRE FIGHTING PROCEDURES: Wear full protective clothing, including helmet, overalls, rubber boots, eye goggles, self contained, positive pressure or positive pressure demand self contained breathing apparatus.

CONNECTION WITH FIRE: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

SAFETY DATA SHEET**PRODUCT NAME: OUTBREAK-19 5. ACCIDENTAL RELEASE****MEASURES (SPILL)**

SPILLS AND DISPOSAL: Contain and collect by using absorbent material. Small spills may be flushed to the sewer. Clean up residue with water. Dispose off to landfill.

6. HANDLING AND STORAGE

HANDLING: Product is a surface disinfectant and body sanitising agent which maintains good personnel hygiene. Product does not contain chlorine, phenol or aldehyde products is fully biodegradable.

STORAGE: Keep container closed and bung in place. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Store at room temperature. Do not store containers on their sides.

7. EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS: No value assigned for this specific material by the National Occupational Health and Safety Commission (N O H S C). However as with all chemical, exposure to concentrate should be kept to the least possible levels.

RESPIRATORY PROTECTION: Approved respirator recommended. Not normally required under normal conditions of use.

EYE PROTECTION: Not required

HAND PROTECTION: Not required

BODY PROTECTION: Not required

OTHER INFORMATION: No Biological Limit Value allocated. As a precaution against accidental ingestion.

8. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear water, white to light yellow medium viscosity liquid.

ODOR: Clean Crisp Odourless

BOILING POINT: 100 C

SOLUBILITY IN WATER: Completely soluble

SPECIFIC GRAVITY (Water = 1): 1.015 @ 20 C

PHYSICAL STATE: Liquid

pH 7.5 @ 20 C.

LOWER FLAMMABLE LIMIT: Product is not flammable.

UPPER FLAMMABLE LIMIT: Product is not flammable.

FLASH POINT: Product is not flammable.

FLAMMABILITY: Product is not flammable.

SAFETY DATA SHEET**PRODUCT NAME: OUTBREAK-19****14. REGULATORY INFORMATION**

SAFETY PHRASE: Keep out of reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear safety goggles or glasses, Neoprene or rubber gloves recommended. Overalls and rubber boots recommended. Consult Material Safety Data Sheet.

POISONS SCHEDULE: Nil

AICS (AUSTRALIA): All ingredients are listed in the Australian Inventory of Chemical Substances (A I C S).

15. OTHER INFORMATION

ADDITIONAL NOTES OR REFERENCE:

ABBREVIATIONS:

N/A:	Not available
AICS:	Australian Inventory of Chemical Substances
MSDS:	Material Safety Data Sheet
NOHSC:	National Occupational Health and Safety Commission
A D G code:	Australian Code for the Transport of Dangerous Goods by Road and Rail.
SDS:	Safety Data Sheet
TGA:	Therapeutic Goods Administration

This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

CONTACT PERSON: Duty Officer AEC: +61 (0)418 825 300
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MSDS HISTORY: S D S Creation: 22/03/2020

SAFETY DATA SHEET**PRODUCT NAME:** OUTBREAK-19**SDS CONTINUED Updated information**

IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY
<p><i>Product name:</i> OUTBREAK-19</p> <p>CAS number: Didecyl Dimethyl Ammonium Chloride 7173-51-5</p> <p>Recommended use: Surface Spraying, Aerosol Atomisation, Personal Sanitisation, all area Human, Animal, Material</p> <p>Restrictions on use: None can be used in all areas.</p> <p>Manufacturer details: Refer page 1</p> <p>Emergency Poisons contact see below Telephone number: Poisons Information Centre 13 11 26 AEC – 0418 825 300 (24HRS) Manufacturer 24 Hour Duty Officer Specialist advice, +61 418 825</p>
<p>300 GHS Classification not classified as DG</p> <p>Ingestion: Mild irritant no category Skin Irritation: Mild irritant no category Inhalation: Mild Irritant no category</p> <p>Carcinogenicity- Nil- totally Organic bio-degradable matter</p> <p>Pictograms- none allocated</p> <p>Signal word – Mild Irritant not classified</p> <p>Hazard statements:</p> <p>Non available due to mild nature of product.</p> <p>Precautionary Statements:</p> <p>Prevention p233: Keep container firmly closed to prevent spillage Refer page 1-6 for additional information.</p>

Document prepared by,
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Certified Accessor - Authorised Body
Mr. David McCulloch
Certifying Chemist

22/03/2020

HAND SANITISERS and COVID-19



**EXCLUDED FROM TGA
REGULATION FOR THE
DURATION OF THE
COVID-19 PANDEMIC**

PRODUCTS INFORMATION



DISTRIBUTED BY



FIRE & SAFETY
SCAVENGER

Hand sanitisers and COVID-19

29 March 2020

While washing hands with soap is considered to be the most effective way to practice good hand hygiene during the COVID-19 pandemic, hand sanitisers can play an important role in keeping hands as free from harmful microorganisms as possible.

How hand sanitisers work

Hand sanitisers contain antiseptic ingredients. An antiseptic is a substance that is used on the skin to kill microorganisms or prevent the growth of microorganisms.

Hand sanitisers can be either hand washes for use with water or handrubs for use without water, and are regulated as either a cosmetic or therapeutic good (see below) depending on how they are used, what they contain and what they claim to do.

Appropriate use of hand sanitisers

You should always follow the directions for use located on the label of all hand sanitiser products. For those products regulated by the TGA, the directions for use have been approved based on test data. Homemade hand sanitisers for your own use are not regulated by us. The TGA is unable to endorse the use of homemade products since we cannot confirm their safety, quality and effectiveness.

The Department of Health recommends using soap and water wherever possible, but hand sanitiser where soap and water may not be available. Further tips on [good hand hygiene during COVID-19](#) on the Department of Health website.

It is important to remember that handrubs that are used without water may not work well when hands are visibly dirty, Therefore, handrubs should be used only when hands are visibly clean or when soap and water is not available.

Hand sanitisers are regulated as either 'cosmetics' or 'therapeutic goods'

As a result of the high demand for hand sanitisers, there are now three classes of hand sanitisers – general consumer products ('cosmetics'), therapeutic goods and products with one of two specific formulations (excluded from TGA regulation for the duration of the COVID-19 pandemic).

General consumer products ('cosmetics') - not regulated by the TGA

Hand sanitisers, or antibacterial skin preparations, are considered to be 'general consumer products' (cosmetics) and are not regulated by the TGA if they:

- are for personal or domestic use only and **not for use in a health care setting (this includes aged care facilities)**, and
- have claims that are limited to **general low level activity against bacteria or germs** (for example, kills 99.9% of germs), and
- have **no claims against viruses**, and
- that **contain only low-risk ingredients** (i.e. does not contain a substance included in Schedules 2, 3, 4 or 8 of the Poisons Standard).

The National Industrial Notification and Assessment Scheme (NICNAS) regulates the ingredients in cosmetics and the Australian Competition and Consumer Commission (ACCC) regulates labelling of cosmetics. Hand sanitisers regulated as cosmetics are only permitted to make low-level activity claims against bacteria or germs such as "kills 99.9% of germs".

The *Therapeutic Goods (Excluded Goods) Determination 2018* sets out the circumstances when antibacterial skin preparations are not therapeutic goods.

Therapeutic goods (hand sanitisers regulated by the TGA)

Antibacterial hand hygiene products that require evaluation from the TGA and inclusion in the Australian Register of Therapeutic Goods (ARTG) are those that:

- claim to kill specific organisms (e.g. E.coli or viruses), and/or
- are to be used in clinics or hospitals.

These products are regulated as registered over-the-counter (OTC) medicines. The claims permitted on the labels of these products depends on the proposed use of the product and the data provided to support the safety and effectiveness. For example, typical claims include the following:

- Antiseptic hand wash/rub
- Hygienic hand wash/rub
- Healthcare personnel antiseptic hand wash/rub

Specific formulations excluded from TGA regulation for the duration of the COVID-19 pandemic

On 28 March 2020, specified hand sanitiser formulations were excluded from TGA regulation, as long as they only contain particular ingredients in particular quantities in the final formulation, and comply with certain manufacturing practices, and advertisement and labelling conditions. **Provided that the exact formulation and other requirements are followed, this formulation is permitted for use in both healthcare facilities and consumer use.**

This exclusion will facilitate the urgent and continued supply of large volumes of hand sanitisers in Australia.

The formulations are based on advice by the World Health Organization and similar decisions by the US Food and Drug Administration. The final formulation of the hand sanitiser must contain only the following ingredients:

- **EITHER** ethanol 80% v/v (pharmacopoeial grade or food standard grade) OR isopropyl alcohol 75% v/v (pharmacopoeial grade) in an aqueous solution;
- sterile distilled water or boiled cold water;
- glycerol 1.45% v/v (pharmacopoeial grade);
- hydrogen peroxide 0.125% v/v (pharmacopoeial grade); and
- does not contain any other active or inactive ingredients, including colours, fragrances or emollients.

There are strict requirements for labelling of these products. Manufacturers must also test the alcohol concentrations of each batch, manufacture under sanitary conditions and maintain production record-keeping. The legislation enabling production of these sanitisers is the *Therapeutic Goods (Excluded Goods - Hand Sanitisers) Determination 2020*.

The products will continue to be regulated as consumer goods under Australian Consumer Law.

Manufacturing and supplying therapeutic hand sanitisers

Hand sanitisers that are regulated by the TGA (ie. those not regulated as 'cosmetics' and those not excluded by the special provisions outlined above) must be manufactured by TGA-licensed manufacturers in accordance with the principles of Good Manufacturing Practice (GMP). This is because they are used in higher risk situations (hospitals, aged care facilities) and/or make claims on killing specific organisms, and so their quality and performance is much more critical than for example in domestic use.

They must also be included in the Australian Register of Therapeutic Goods (ARTG) before being imported into, supplied in, or exported from Australia.

In order for a product to be included in the ARTG, a sponsor must submit an application to the TGA, together with relevant supporting data. The sponsor of a therapeutic good included in the ARTG must be an Australian resident and/or carrying on business in Australia.

For further information, contact otc.medicines@health.gov.au or telephone 1800 020 653.

- **Category:**OTC medicines
- **URL:**<https://www.tga.gov.au/node/904144>