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**KSR(WA)
Pty Ltd**



HYDRA-FOAM AV-AB WASHDOWN

DISINFECTANT- SANITARY PRE-WASH SOLUTION
MASTER SERIES RANGE BY AEC



Antiviral/Bacterial SURFACE PRE WASH

BIODEGRADABLE NON-TOXIC SANITARY ALL SURFACE WASH DISINFECTANT

High detergent low surfactant wash solution utilizing H2O2 Low level Chlorides along with AEC proprietary blend formulation, resulting in a chemical Prewash formulation specifically designed for Biological team, high pressure wash shower system utilized prior to fresh washing. The second stage in team Decontamination post Outbreak-19 or H2O2 Decontamination.

Hydra-foam was designed specifically by 1IC GLOBAL Australian Biocontainment Chemists and team in conjunction with AEC International, specifically for decontaminating and washdown of our team, Protective wear and equipment, ensuring post direct chemical sanitization and pre fresh wash decontamination shower. Product is designed to be cost efficient and effective giving the ability to cover the large quantities genuinely required in shower systems and large outdoor areas.

HYDRA-FOAM WASH

Product – Solution is 100% FULLY BIO-DEGRADABLE

44 Brady St Virginia SA 5120

SDS Creation: 25 March, 2020

SAFETY DATA SHEET

PRODUCT NAME: **HYDRA-FOAM AV-AB Washdown, Anti-Bacterial, Anti-Viral Surface wash disinfectant- Sterilization Agent.**
Classified as non-hazardous according to criteria of N O H S C
GHS Compliance

ISSUE DATE: 25 March, 2020

1. PRODUCT AND COMPANY IDENTIFICATION.

PRODUCT NAME: HYDRA-FOAM AV-AB Washdown **Anti-Bacterial, Anti-Viral Surface wash disinfectant- Sterilization Agent**

RECOMMENDED USE: Premixed solution designed for surface spraying, Decontamination shower pre wash systems, sanitary hand washing, all area Human, Animal, Material, Organic, nonorganic- Anti Viral- Anti Bacterial Sanitization/Sterilization of up to 99.9% Effectiveness against Viral- Bacterial- Mould- Fungi- and other Germicidal based Bacterial, Viral spores (Microorganisms)

HYDRA-FOAM AV-AB Washdown Designed to be dispersed through all micro spray hand pumps, Fog machines, Spray pumps, Aerosol cans, Shower systems, Aerial and ground dispersion for the neutralization, containment Of Viral and Bacterial Microorganisms.

EQUIPMENT: Product is designed for usage at the premixed solution as a hand wash. Product can be diluted @ 1:1 ratio when used in street, residential buildings, farming equipment and agricultural building wash applications large pumping or fumigation systems Product can be distributed through all spray and variable Spray type equipment. Fine micron particulate atomization is also recommended.

PROPORTION RATIO: Pre-Mix or 1:1

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

PHONE: 08 8380 9976 (in Australia)
+61 8 8380 9976 (International)

FAX: 08 8380 9977 (in Australia)
+61 8 8380 9977 (International)

24 HOUR EMERGENCY: 0418 825 300 (in Australia)
+61 418 825 300 (International)

SAFETY DATA SHEET**PRODUCT NAME HYDRA-FOAM AV-AB Washdown ANTI-BACTERIAL, ANTI-VIRAL
SURFACE WASH DISINFECTANT- STERILIZATION AGENT****SECTION 1. IDENTIFICATION OF THE SUBSTANCE**

INFORMATION ON COMPOSITION:

PRODUCT NAME: *HYDRA-FOAM AV-AB Washdown, Anti-Bacterial,
Anti-Viral Surface Wash Disinfectant- Sterilization Agent.*

INGREDIENTS NAME: **PROPORTION:**

Food Grade Hydrogen Peroxide	= 3
Anionic detergent blend	= 2
AEC Proprietary Blend	= 5
Isopropyl Alcohol	= 5
Glycol Ether	= 8
Distilled H2O	= 77

2. HAZARD IDENTIFICATION.

NOTES: Classified as non-hazardous according to the criteria of NOHSC.
Not classified as a dangerous good according to the ADG code.

RISK PHRASES:	R 36	Irritating to eyes.
SAFETY PHRASES:	S 2	Keep out of reach of children.
	S 24 / 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 firefighting 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: HYDRA-FOAM AV-AB Washdown ANTI-BACTERIAL, ANTI-VIRAL SURFACE
--- WASH DISINFECTANT- STERILIZATION AGENT ---**

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 of to landfill.

6. HANDLING AND STORAGE

HANDLING: Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come in to contact with this material maintain good standards of personal hygiene.
example: washing hands prior to eating, drinking or going to the toilet.

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 (OHSC)
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: Safety goggles

HAND PROTECTION: Neoprene or rubber gloves recommended. Incidental skin contact is not harmful.

BODY PROTECTION: Overalls and rubber boots recommended

OTHER INFORMATION: No Biological Limit Value allocated. As a precaution against accidental ingestion, wash hands after handling and before eating. Do not ingest.

8. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear water, white to light yellow medium viscosity liquid.
ODOR: Clean Crisp Fragrant
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: HYDRA-FOAM AV-AB Washdown ANTI-BACTERIAL, ANTI-VIRAL SURFACE WASH DISINFECTANT- STERILIZATION AGENT****9. STABILITY AND REACTIVITY**

STABILITY:	Stable under normal conditions of storage and handling.
HAZARDOUS POLYMERIZATION:	Will not occur.
MATERIALS TO AVOID:	Strong oxidising agents.
DECOMPOSITION PRODUCTS:	None known.
HAZARDOUS REACTION:	Not a fire hazard.

10. TOXICOLOGICAL INFORMATION

TOXICOLOGY INFORMATION:	N/A
INHALATION:	Ingredients are considered non-hazardous when used as directed.
INGESTION:	Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation. Potential symptoms include nausea, diarrhea, abdominal pain and vomiting.
SKIN:	May cause skin irritation if prolonged contact with the concentrate occurs, which can result in redness, itchiness, swelling and possibly lead to dermatitis. Continual exposure to dilute solutions will cause loss of natural skin oils and drying of skin.
EYE:	The concentrate is considered an eye irritant in some instances May cause eye soreness.
CHRONIC EFFECTS:	No known adverse, affects

11. ECOLOGICAL INFORMATION

MOBILITY:	No data is available for this product.
PERSISTENCE:	No data is available for this product.
DEGRADABILITY:	Fully biodegradable.
BIOACCUMULATION:	None Found
ECOTOXICITY:	Nontoxic
ENVIRONMENTAL EFFECTS:	Product is not harmful to the environment.

12. DISPOSAL CONSIDERATIONS.

HANDLING FOR DISPOSAL:	Wear safety goggles or glasses, Neoprene or rubbergloves recommended. Incidental skin contact is not harmful. Overalls and rubber boots recommended.
METHOD OF DISPOSAL:	Disposal of waste according to federal, EPA, state and local regulations. Assure conformity with all applicable regulations.

13. TRANSPORT INFORMATION

U.N. NUMBER:	None allocated.
PROPER SHIPPING NAME:	HYDRA-FOAM AV-AB Washdown Anti-Bacterial, Anti-Viral Surface Wash Disinfectant- Sterilization agent
DG CLASS:	None allocated
HAZCHEM CODE:	None allocated
PACKING GROUP:	None allocated
EPG NUMBER:	None allocated
IERG NUMBER:	None allocated

SAFETY DATA SHEET

**PRODUCT NAME: HYDRA-FOAM AV-AB Washdown ANTI-BACTERIAL, ANTI-VIRAL
SURFACE WASH DISINFECTANT- STERILIZATION AGENT**

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 (AICS).

15. OTHER INFORMATION

ADDITIONAL NOTES OR REFERANCE:

ABBREVIATIONS:

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

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
ADDRESS: 44 Brady Street, Virginia
South Australia, 5120
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PHONE: 08 8380 9976 (in Australia)
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MSDS HISTORY: SDS Creation: 25-03-2020.

SAFETY DATA SHEET

**PRODUCT NAME: HYDRA-FOAM AV-AB Washdown ANTI-BACTERIAL, ANTI-VIRAL
SURFACE WASH DISINFECTANT- STERILIZATION AGENT**

IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product name: **An HYDRA-FOAM AV-AB Washdown Anti-Bacterial,
Anti-Viral Surface Wash Disinfectant- Sterilization Agent**

CAS number

Recommended use: DISINFECTANT/STERILIZATION AGENT

Restrictions on use: None can be used in all areas.

Manufacturer details: Refer page 1

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, +61 418 825 300

GHS Classification not classified as DG

Ingestion: Mild irritant no category

Skin Irritation: Mild irritant no category

Inhalation: Mild Irritant nocategory

Carcinogenicity - Nil totally Organic biodegradable matter

Pictograms - None allocated

Signal word – Mild Irritant not classified

Hazard statements:

None available due to mild nature of product.

Precautionary

Statements:

Prevention p233: Keep container firmly closed to prevent spillage

Refer page 1-6 for additional information.

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

25-03-2020