SAFETY DATA SHEET

ULTIMO #7 MULTI QUAT SANITISER

Infosafe No.: MU3L2
ISSUED Date : 30/05/2020
ISSUED by: INTEGRA INDUSTRIES LTD

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

Ultimo #7 Multi Quat Sanitiser

Company Name
INTEGRA INDUSTRIES LTD

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Dunedin 9011 NEW ZEALAND

Telephone/Fax Number
Tel: +64 3 4556805

Emergency phone number
0800 764 766

E-mail Address
info@integraindustries.co.nz

Recommended use of the chemical and restrictions on use
Sanitiser in food processing areas.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.
6.3A Substance that is irritating to the skin
6.3B Substance that is mildly irritating to the skin
6.5A Substance that is a respiratory sensitiser
6.5B Substance that is a contact sensitiser
8.3A Substance that is corrosive to ocular tissue
9.1B Substance that is ecotoxic in the aquatic environment

Signal Word (s)
DANGER

Hazard Statement (s)
H315 Causes skin irritation.
H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H401 Toxic to aquatic life.

Pictogram (s)
Corrosion,Health hazard

Precautionary statement – Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P285 In case of inadequate ventilation wear respiratory protection.

Precautionary statement – Response
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P363 Wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Benzyl-C8-18-alkyldimethylammonium chloride	63449-41-2	1-10%
Water	7732-18-5	Remainder

4. FIRST-AID MEASURES

First Aid Measures
24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)
New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)
New Zealand Emergency Services: 111

Inhalation
• If fumes or combustion products are inhaled remove from contaminated area.
• Other measures are usually unnecessary.

Ingestion
• If swallowed do NOT induce vomiting.
• If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
• Observe the patient carefully.
• Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
• For advice, contact a Poisons Information Centre or a doctor.

Skin
If skin contact occurs:
• Immediately remove all contaminated clothing, including footwear.
• Flush skin and hair with running water (and soap if available).
• Seek medical attention in event of irritation.

Eye contact
• If in eyes, hold eyelids apart and flush the eye continuously with running water.
• Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
• Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
• Seek medical attention without delay; if pain persists or recurs seek medical attention.

Advice to Doctor
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.
Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.
In such an event consider:
• foam.

Specific Hazards Arising From The Chemical
• The material is not readily combustible under normal conditions.
• However, it will break down under fire conditions and the organic component may burn.
• Not considered to be a significant fire risk.
• Heat may cause expansion or decomposition with violent rupture of containers.
Decomposes on heating and produces toxic fumes of: carbon dioxide (CO_2), nitrogen oxides (NO_x), other pyrolysis products typical of burning organic material.
May emit poisonous fumes. May emit corrosive fumes.

Hazchem Code
None allocated

Decomposition Temperature
Not Available

Other Information
FIRE INCOMPATIBILITY
None known.

PERSONAL PROTECTION
Glasses:Chemical goggles.
Gloves:PVC chemical resistant type.
Respirator:Type A Filter of sufficient capacity

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal
• Clean up all spills immediately.
• Avoid breathing vapours and contact with skin and eyes.
• Control personal contact by using protective equipment.
• Contain and absorb spill with sand, earth, inert material or vermiculite

Personal Protection
Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling
• DO NOT allow clothing wet with material to stay in contact with skin.
• Avoid all personal contact, including inhalation.
• Wear protective clothing when risk of exposure occurs.
• Use in a well-ventilated area.
• Prevent concentration in hollows and sumps.

Storage Regulations
• Store in original containers.
• Keep containers securely sealed.
• Store in a cool, dry, well-ventilated area.
• Store away from incompatible materials and foodstuff containers.

Recommended Materials
SUITABLE CONTAINER
• Polyethylene or polypropylene container.
• Packing as recommended by manufacturer.
• Check all containers are clearly labelled and free from leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values
The following materials had no OELs on our records
• benzyl C8- 18 alkyldimethylammonium chloride: CAS:63449- 41- 2 CAS:51668- 62- 3
• water: CAS:7732- 18- 5

Appropriate Engineering Controls
General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances.

Personal Protective Equipment
RESPIRATOR
Type A Filter of sufficient capacity

EYE
• Safety glasses with side shields.
• Chemical goggles.
• Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their
removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

HANDS/FEET
• Wear chemical protective gloves, eg. PVC.
• Wear safety footwear or safety gumboots, eg. Rubber. NOTE:
• The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.
• Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.
Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: such as:
• frequency and duration of contact,
• chemical resistance of glove material,
• glove thickness and
• dexterity.

OTHER
• Overalls.
• P.V.C. apron.
• Barrier cream.
• Skin cleansing cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	**Appearance**	Clear greenish, mobile, slightly frothing liquid with no odour; mixes with water.
Colour	Green	**Odour**	Odourless
Decomposition Temperature	Not Available	**Melting Point**	Not Available
Boiling Point	100°C	**Specific Gravity**	1.0
pH	pH (1% solution): Not Available pH(as supplied): 7	**Vapour Pressure**	Not Available
Vapour Density (Air=1)	Not Available	**Evaporation Rate**	Not Available
Viscosity	Not Available	**Volatile Component**	Not Available
Flash Point	Not Applicable	**Auto-Ignition Temperature**	Not Applicable
Explosion Limit - Upper	Not Applicable	**Explosion Limit - Lower**	Not Applicable
Molecular Weight	Not Applicable		

10. STABILITY AND REACTIVITY

Reactivity and Stability
CONDITIONS CONTRIBUTING TO INSTABILITY
• Presence of incompatible materials.
• Product is considered stable.
• Hazardous polymerisation will not occur.
For incompatible materials - refer to Section 7 - Handling and Storage.

11. TOXICOLOGICAL INFORMATION

Ingestion
Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Inhalation
The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Skin
The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal
models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye
Limited evidence exists, or practical experience suggests, that the material may cause eye irritation in a substantial number of individuals and/or is expected to produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals. Repeated or prolonged eye contact may cause inflammation characterised by temporary redness (similar to windburn) of the conjunctiva (conjunctivitis); temporary impairment of vision and/or other transient eye damage/ulceration may occur.

Chronic Effects
Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.
Limited evidence shows that inhalation of the material is capable of inducing a sensitisation reaction in a significant number of individuals at a greater frequency than would be expected from the response of a normal population.
Pulmonary sensitisation, resulting in hyperactive airway dysfunction and pulmonary allergy may be accompanied by fatigue, malaise and aching. There exists limited evidence that shows that skin contact with the material is capable either of inducing a sensitisation reaction in a significant number of individuals, and/or of producing positive response in experimental animals.

Other Information
TOXICITY AND IRRITATION:
Not available. Refer to individual constituents.

12. ECOLOGICAL INFORMATION

Ecological information
Toxic to aquatic organisms.

Ecotoxicity

Ingredient		Persistence: Water/Soil		Persistence:
Air	Bioaccumulation	Mobility		
Benzyl C8- 18 alkyldimethylammonium chloride	-	-	LOW	-
Water	LOW	-	LOW	HIGH

13. DISPOSAL CONSIDERATIONS

Waste Disposal
• Recycle where possible Otherwise ensure that:
• licenced contractors dispose of the product and its container.
• disposal occurs at a licenced facility.

14. TRANSPORT INFORMATION

Transport Information
TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None allocated

Sub.Risk
None allocated

Packing Group
None allocated

Hazchem Code
None allocated

UN Number (Sea Transport)
None allocated

UN Number (Road Transport)
None allocated

UN Number (Air Transport, ICAO)
None allocated

IATA/ICAO Hazard Class
None allocated

IATA/ICAO Packing Group
None allocated

IATA/ICAO Sub Risk
None allocated

IMDG UN No
None allocated

IMDG Hazard Class
None allocated

IMDG Pack. Group
None allocated

IMDG Subsidiary Risk
None allocated

IMDG EMS
None allocated

15. REGULATORY INFORMATION

Regulatory information
This substance should be managed in accordance with the requirements specified in the Cleaning Products (Corrosive) Group Standard 2006, HSNO Approval Number HSR002526.

National and or International Regulatory Information
Regulations for ingredients

Benzyl C8-18 alkyldimethylammonium chloride (CAS: 63449-41-2,51668-62-3) is found on the following regulatory lists;
"New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals -
Classification Data","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Pesticides","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Timber Preservatives, Antisapstains and Antifouling Paints","New Zealand Hazardous Substances and New Organisms (HSNO) Act - Veterinary Medicines","New Zealand Inventory of Chemicals (NZIoC)"

Water (CAS: 7732-18-5) is found on the following regulatory lists;
"IMO IBC Code Chapter 18: List of products to which the Code does not apply","New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals"

No data for SC-2 Sanitise

HSNO Approval Number
HSR002526.

Other Information
Specific advice on controls required for materials used in New Zealand can be found at http://www.epa.govt.nz/hazardous-substances/approvals/Pages/default.aspx.

16. OTHER INFORMATION

Date of preparation or last revision of SDS
30/05/2020

Technical Contact Numbers
24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)
New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)
New Zealand Emergency Services: 111

Other Information
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.
This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since INTEGRA INDUSTRIES LTD cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.
If clarification or further information is needed, the user should contact their INTEGRA INDUSTRIES representative or INTEGRA INDUSTRIES LTD at the contact details on page 1.
INTEGRA INDUSTRIES LTD's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

END OF SDS