

SAFETY DATA SHEET

MULTIZYME INDUSTRIAL

Date : : 01/05/2021
ISSUED by: Integra Industries

NOT CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

MultiZyme Industrial

Company Name

Integra Industries

Address

21A Grosvenor St

Dunedin

Telephone/Fax Number

Ph: (03) 4556805

Emergency phone number

0800 243 622

Emergency Contact Address

Integra Industries

21A Grosvenor St

Dunedin

Recommended use of the chemical and restrictions on use

MultiZyme Industrial is used as a cleaner for floors, ablution blocks etc: mop with a solution of 100-200g/L water depending on soiling or hand spray onto surface at a rate of 1 part product to 5 parts of water.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Not 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Surfactants	N/A	1- 10%
Non- hazardous ingredients	N/A	30- 60%

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

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, 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 this product comes in contact with the eyes:

- . Wash out immediately with fresh running water.
- . 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.
- . Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

Decomposition Temperature

Not Available

Other Information

FIRE INCOMPATIBILITY

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result. PERSONAL PROTECTION
- Glasses: Not normally required
- Gloves: When handling larger quantities:

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

No special handling procedures required.

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

No Exposure Limit Established

Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances

Personal Protective Equipment

EYE

-No special equipment for minor exposure i.e. when handling small quantities.

OTHERWISE:

-safety glasses with side shields.

HANDS/FEET

-No special equipment needed when handling small quantities. OTHERWISE: Wear general protective gloves, eg.

OTHER

Eii-None under normal operating conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Brown liquid with characteristic odour; mixes with water.

Colour

Brown

Decomposition Temperature

Not Available

Melting Point

Not Available

Freezing Point

Not Available

Boiling Point

Not Available

Solubility in Water

Not Available

Specific Gravity

1.0 (water =1)

pH

pH (1% solution): 2.5- 3.5

pH (as supplied): Not Available

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

10. STABILITY AND REACTIVITY

Chemical Stability

- Product is considered stable.

Incompatible materials

For incompatible materials - refer to Section 7 - Handling and Storage.

Hazardous Polymerization

- Hazardous polymerisation will not occur

Other Information

CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.

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

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

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

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

Other Information

TOXICITY AND IRRITATION

||| Not available. Refer to individual constituents.

12. ECOLOGICAL INFORMATION

Ecological information

No data

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

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMD

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Regulatory information

No data

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

30/04/2020

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 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 representative or Integra at the contact details on page 1. Integra'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