SAFETY DATA SHEET

CASKADE NO RINSE FLOOR CLEANER

ISSUED Date : 01/05/2021
ISSUED by: INTEGRA INDUSTRIES

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier
CASKADE NO RINSE

Product Code
C3000300L05

Company Name
Integra Industries

Address
149 King Edward St
Dunedin
NEW ZEALAND

Telephone/Fax Number
Tel: +64 3 455 6805

Emergency phone number
0800 764766

Emergency Contact Address
North Island:
42 Riverbank Rd
Otaki

South Island:
149 King Edward St
Dunedin

(24 hour a day available)
0800 243622

E-mail Address
sales@integraindustries.co.nz

Recommended use of the chemical and restrictions on use
Air freshener.

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.
6.1E (Oral) - Substance that is acutely toxic
6.3A Substance that is irritating to the skin
6.4A (Mild irritant) - Substance that is irritating to the eyes
6.5A Substance that is a respiratory sensitiser
6.5B Substance that is a contact sensitiser
6.9B (Single exposure) - Substance that is harmful to human target organs or systems

9.1B Substance that is ecotoxic in the aquatic environment

Signal Word (s)

DANGER

Hazard Statement (s)

H303 May be harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H371 May cause damage to organs.
H401 Toxic to aquatic life.

Pictogram (s)

Exclamation mark,Health hazard

Precautionary statement – Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
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.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P363 Wash contaminated clothing before reuse.

Precautionary statement – Storage

P405 Store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Benzalkonium chloride	8001- 54- 5	1- 5%
Surfactants	-	Not specified
Perfume	-	Not specified
Dye/s	-	Not specified
Water	-	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

INHALED
- 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.
- 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

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

Special Protective Equipment for fire fighters

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

Hazchem Code

None allocated

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.

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.
- Avoid contact with moisture.

Conditions for safe storage, including any incompatibilities
- 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
- Lined metal can, lined metal pail/ can.
- Plastic pail.
- Polyliner drum.
- Packing as recommended by manufacturer.

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 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

Form
Liquid

Appearance
Green liquid with a pleasant odour; mixes with water.

Decomposition Temperature
Not available

Melting Point
Not available

Boiling Point
Not available

Solubility in Water
Miscible

Specific Gravity
Not available

pH
pH (1% solution): Not available
pH (as supplied): 5.0 - 7.0

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 available

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 seffing.

Skin

Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage
following entry through wounds, lesions or abrasions.

Eye

Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals and/or may
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

Harmful: danger of serious damage to health by prolonged exposure if swallowed.
Serious damage (clear functional disturbance or morphological change which may have toxicological significance) is likely to be caused by repeated or
prolonged exposure. As a rule the material produces, or contains a substance which produces severe lesions.
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

Benzalkonium chloride 96 hr LC50 (6.1) mg/L Medaka, high-eyes Fish Source:
Toxic to aquatic organisms.

Ecotoxicity

Ingredient Persistence: Water/Soil Persistence: Air Bioaccumulation Mobility
Benzalkanonum chloride - - LOW -
Water LOW - LOW HIGH

13. DISPOSAL CONSIDERATIONS

Disposal considerations

- 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, IMDG

U.N. Number

None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None allocated

Packing Group
None allocated

Hazchem Code
None allocated

UN Number (Sea Transport)
None allocated

UN Number (Road Transport)
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

15. REGULATORY INFORMATION

Regulatory information
Regulations for ingredients
benzalkonium chloride (CAS: 8001-54-5) 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 Caskade Finessair (CW: 21-5413)
Specific advice on controls required for materials used in New

HSNO Approval Number
This substance should be managed in accordance with the requirements specified in the Industrial and Institutional Cleaning Products (Toxic [6.1])
Group Standard 2006, HSNO Approval Number HSR002593.

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
10/08/2018

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 seffings.
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 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