

# SAFETY DATA SHEET

## CASCADE CLEAN GREEN DETERGENT

Infosafe No.: MU3JS  
ISSUED Date : 20/03/2020  
ISSUED by: INTEGRA INDUSTRIES LTD

NOT CLASSIFIED AS HAZARDOUS

### 1. IDENTIFICATION

**GHS Product Identifier**

CASCADE CLEAN GREEN DETERGENT

**Product Code**

2010890, 2010940, 2010950, 2010880

**Company Name**

INTEGRA INDUSTRIES LTD

**Address**

23 Grosvenor Street Kensington  
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**

Multipurpose liquid detergent for manual dishwashing to vehicle cleaning.

### 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
Non-hazardous surfactants mixture	-	30-60%
Other Non-hazardous Ingredients	-	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.

### **Skin**

If skin or hair contact occurs:

. 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 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**

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### **Suitable Extinguishing Media**

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

### **Hazards from Combustion Products**

- Non combustible.
- Not considered a significant fire risk, however containers may burn.

### **Hazchem Code**

Not allocated

### **Decomposition Temperature**

Not Available

### **Other Information**

FIRE INCOMPATIBILITY

None known.

### **PERSONAL PROTECTION**

Glasses: Safety Glasses

Gloves: When handling larger quantities:

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Methods And Materials For Containment And Cleaning Up**

- 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

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### Handling and storage

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Avoid contact with incompatible materials.

### 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

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### Occupational exposure limit values

The following materials had no OELs on our records

- water: CAS:7732- 18- 5

### Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator

### Eye Protection

- 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].

### Hand Protection

Wear general protective gloves, eg. light weight rubber gloves.

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 Information

No special equipment needed when handling small quantities.

### OTHERWISE:

- . Overalls.
- . Barrier cream.
- . Eyewash unit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Clear green viscous liquid with a lime/lemon odour; mixes with water
Colour	Green	Decomposition Temperature	Not Available
Melting Point	Not Available	Boiling Point	100°C approx.
Solubility in Water	Miscible	Specific Gravity	1.0
pH	pH (1% solution)= Not Available pH (as supplied)= 7.5- 8.5	Vapour Density (Air=1)	Not Available
Evaporation Rate	Not Available	Viscosity	Not Available
Volatile Component	Not Available	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.

### Possibility of hazardous reactions

- 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).

-Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

### 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

### Eye

The liquid may produce eye discomfort causing transient smarting, blinking.

### Chronic Effects

- Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.

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

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### Ecotoxicity

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

## 13. DISPOSAL CONSIDERATIONS

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### 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

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### 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)

Not allocated

### Sub.Risk

Not allocated

### Packing Group

Not allocated

### Hazchem Code

Not allocated

### UN Number (Sea Transport)

Not allocated

### UN Number (Road Transport)

Not allocated

### UN Number (Air Transport, ICAO)

Not allocated

### IATA/ICAO Hazard Class

Not allocatedNot allocated

### IATA/ICAO Packing Group

Not allocated

### IMDG UN No

Not allocated

### IMDG Hazard Class

Not allocated

### IMDG Pack. Group

Not allocated

**IMDG Subsidiary Risk**

Not allocated

**IMDG Marine pollutant**

No

## 15. REGULATORY INFORMATION

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**National and or International Regulatory Information**

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 Cascade Clean Green Detergent

**HSNO Approval Number**

None allocated

**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

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**Date of preparation or last revision of SDS**

20/03/2020

**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

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