

# SAFETY DATA SHEET

**CASCADE SAFETOUCH**

Infosafe No.: MU3KU  
ISSUED Date : 23/05/2017  
ISSUED by: INTEGRA INDUSTRIES LTD

**CLASSIFIED AS HAZARDOUS**

## 1. IDENTIFICATION

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**GHS Product Identifier**

CASCADE SAFETOUCH

**Product Code**

2072120, 2072360, 2072370, 7111230

**Company Name**

INTEGRA INDUSTRIES LTD

**Address**

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**Emergency phone number**

0800 764 766

**E-mail Address**

info@integraindustries.co.nz

**Recommended use of the chemical and restrictions on use**

Antibacterial liquid Soap

## 2. HAZARD IDENTIFICATION

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**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.

6.4A Substance that is irritating to the eyes

9.1D Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H319 Causes serious eye irritation.

H401 Toxic to aquatic life.

**Precautionary statement – General**

P103 Read label before use.

**Pictogram (s)**

Exclamation mark



#### Precautionary statement – Prevention

P264 Wash contaminated skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary statement – Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### Precautionary statement – Disposal

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion
2,4,4,-trichloro-2,-hydroxydiphenyl ether	3380-34-5	<1%
Non-Hazardous Surfactants	-	10-40%
Other ingredients determined not to be hazardous	-	1-10%
Water	7732-18-5	Remainder

### 4. FIRST-AID MEASURES

#### 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 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.

Presentation:

A: Acute symptoms related to overexposure to the PCBs and dioxins (PCDDs and PCDFs) and, presumably, other polyhalogenated polyaromatics (PHAHs)

include irritation of the skin, eyes and mucous membranes and nausea, vomiting and myalgias.

B: After a latency period which may be prolonged (up to several weeks or more), chloracne, porphyria cutanea tarda, hirsutism, or hyper-pigmentation may occur.

## 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.

### Specific Hazards Arising From The Chemical

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

## 6. ACCIDENTAL RELEASE MEASURES

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### 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

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### Precautions for Safe Handling

- 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

- 2, 4, 4' - trichloro- 2' - hydroxydiphenyl ether: CAS:3380- 34- 5
- 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

#### 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

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.
- . Wear chemical protective gloves, eg. PVC.
- . Wear safety footwear or safety gumboots, eg. Rubber.

#### OTHER

- . Overalls.
- . P.V.C. apron.
- . Barrier cream.
- . Skin cleansing cream.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Golden Yellow viscous liquid with faint fatty acid odour; mixes with water.
Colour	Golden yellow	Odour	Faint fatty acid odour
Decomposition Temperature	Not Available	Boiling Point	Not Available
Solubility in Water	Miscible	Specific Gravity	Not Available
pH	pH (1% solution): Not Available pH (as supplied): 8.5- 9.5	Vapour Pressure	Not Available
Vapour Density (Air=1)	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

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### 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

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### 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.

### 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

### Other Information

#### TOXICITY AND IRRITATION:

Side-reactions during manufacture of the parent compound may result in the production of trace amounts of polyhalogenated aromatic hydrocarbon(s). Halogenated phenols, and especially their alkali salts, can condense above 300 deg.

Polyhalogenated aromatic hydrocarbons (PHAHs) comprise two major groups. The first group represented by the halogenated derivatives of dibenzodioxins (the chlorinated form is PCDD), dibenzofurans (PCDF) and biphenyls (PCB) exert their toxic effect (as hepatocarcinogens, reproductive toxicants, immunotoxicants and procarcinogens) by interaction with a cytosolic protein known as the Ah receptor.

## 12. ECOLOGICAL INFORMATION

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### Ecological information

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Avoid release to the environment.

Refer to special instructions/ safety data sheets.

**Ecotoxicity**

Ingredient	Persistence:Water/Soil	Persistence: Air	Bioaccumulation	Mobility
2, 4, 4' - trichloro- 2' - hydroxydiphenyl ether	HIGH	-	LOW	LOW
Water	LOW	-	LOW	HIGH

**13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal**

- o Recycle where possible
- Otherwise ensure that:
  - o licenced contractors dispose of the product and its container.
  - o 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)**

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

## 15. REGULATORY INFORMATION

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### Regulatory information

This substance should be managed in accordance with the requirements specified in the Cleaning Products (Subsidiary Hazard) Group Standard 2006, HSNO Approval Number HSR002530.

### National and or International Regulatory Information

Regulations for ingredients

2,4,4'-trichloro-2'-hydroxydiphenyl ether (CAS: 3380-34-5) is found on the following regulatory lists;

"International Chemical Secretariat (ChemSec) REACH SIN\* List (\*Substitute It Now!) 1.0", "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 - Veterinary Medicines", "New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals"

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 Safetouch

### HSNO Approval Number

HSR002530.

### 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

23/05/2017

### 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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