

Geller MultiClean Spray & Wipe Citrus

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	Geller MultiClean Spray & Wipe Citrus
Product code	NA
HSNO approval	HSR002530
Approval description	Cleaning Products Subsidiary Hazard Group Standard 2020
UN number	NA
Proper Shipping Name	NA
DG class	NA
Packaging group	NA
Hazchem code	NA
Uses	General purpose Cleaning.

Company Details

Company	Integra Industries Ltd
Address	21A Grosvenor St , South Dunedin
Telephone	0800 667 843
Website	www.integraindustries.co.nz

Emergency Telephone Number: 0800 764 766

2. Hazard Identification

GHS classification of substance/mixture

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for transport of Dangerous Goods.

GHS 7 Classes

Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2

Hazard Statements

H315 – Causes skin irritation.
H303 – Causes serious eye irritation.

SYMBOLS

WARNING



Other Classifications

There are no other classifications that are known to apply

Precautionary Statements

Prevention	P280 - Wear protective gloves, protective clothing, eye protection and face protection. P264 - Wash all exposed external body areas thoroughly after handling.
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. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/attention.
Storage	P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Disposal	P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

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3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
cetyltrimethylammonium chloride	79728-63-5	1-20
nonylphenol ethoxylates	9016-45-9	1-20
monoethanolamine	141-43-5	<20
ethylene glycol monobutyl ether	111-76-2	<20
surfactant.	Not Available	<10
water	7732-18-5	>25

This is a commercial product whose exact ratio of components may vary slightly. Trace quantities of impurities are also likely.

4. First Aid

General Information

If medical advice is needed, have product container or label at hand. You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service). Recommended first aid facilities Ready access to running water is recommended. Accessible eyewash is recommended.

Exposure

Swallowed

IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.

- For advice, contact a Poisons Information Centre or a doctor. Urgent hospital treatment is likely to be needed.
- In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist.
- If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS.

Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:

- **INDUCE** vomiting with fingers down the back of the throat, ONLY IF CONSCIOUS. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

NOTE: Wear a protective glove when inducing vomiting by mechanical means.

Eye Contact

If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with 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.
- Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact

If skin or hair contact occurs:

- Immediately flush body and clothes with large amounts of water, using safety shower if available.
- Quickly remove all contaminated clothing, including footwear.
- Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.
- Transport to hospital, or doctor.

Inhaled

If fumes or combustion products are inhaled remove from contaminated area.

- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.

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- Transport to hospital, or doctor, without delay.

Advice to Doctor

Treat symptomatically.

5. Firefighting Measures

Extinguishing media:

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

Special hazards arising from the substrate or mixture:**Fire fighting:**

- Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves in the event of a fire.
- Prevent, by any means available, spillage from entering drains or water courses.

Fire/Explosion Hazard:

- Use fire fighting procedures suitable for surrounding area.
- 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.

Other decomposition products include:
carbon dioxide (CO₂) nitrogen oxides (NO_x)
other pyrolysis products typical of burning organic material.
May emit poisonous fumes.
May emit corrosive fumes.

Hazchem code:

2YE

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

See section 8

Environmental Precautions:

See section 12.

Methods for cleaning up

Minor Spills:

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

Major Spills:

Moderate hazard.

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.

Other issues relating to spills

Clean up in accordance with all applicable regulations.

7. Storage and Handling

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

Conditions for safe storage

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.

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- Check all containers are clearly labelled and free from leaks.
- Avoid reaction with oxidising agents

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

No value assigned for this specific material. However, exposure standards for constituents;

NZ Workplace Exposure Standards	Ingredient	WES-TWA	WES-STEL
	monoethanolamine	0.2 ppm / 0.5 mg/m ³	0.5 mg/m ³ / 0.2 ppm
	ethylene glycol monobutyl ether	10 ppm / 49 mg/m ³	98 mg/m ³ / 20 ppm

Engineering Controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

Personal Protective Equipment

Eye and Face



- Safety glasses with side shields.
- Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent]
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.

Skin

See Hand protection below

Hands/ Feet



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. No special equipment needed when handling small quantities.
- OTHERWISE:
- For potentially moderate exposures:
- Wear general protective gloves, eg. light weight rubber gloves. For potentially heavy exposures:
- Wear chemical protective gloves, eg. PVC. and safety footwear.



Body

Other protection

See Other protection below.

No special equipment needed when handling small quantities.

OTHERWISE:

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

Respiratory

If TWA is exceeded, wear an approved respirator with a type A filter.

WES Additional Information

Not applicable

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9. Physical & Chemical Properties

Appearance	Yellow clear liquid with citrus odour; miscible with water.
Odour	Not Available
Odour Threshold	Not available
pH	8.0
Freezing/Melting Point	Not available
Flammability	Not applicable
Flashpoint	Not applicable
Upper Explosive limit (%)	Not applicable
Lower Explosive limit (%)	Not applicable
Vapour pressure (kPa)	Not available
Vapour density	Not available
Specific gravity/density	Not available
Solubility	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Particle Characteristics	Not available

10. Stability & Reactivity

Chemical Stability	- Unstable in the presence of incompatible materials. - Product is considered stable. - Hazardous polymerisation will not occur.
Reactivity	See section 7
Conditions to be avoided	See section 7
Incompatible groups	See section 7
Possibility of hazardous reactions	See section 7
Hazardous decomposition products	See section 5
Hazardous Polymerization	None known.

11. Toxicological Information

Summary

This product may have the potential to cause adverse health effects. Use safe work practices to avoid eye and skin contact and inhalation.

Basis of assessment - Information given is based on product testing, and/or similar products, and/or components.

Supporting Data

Acute	Oral	Based on available data, the classification criteria are not met. There is sufficient evidence to classify this material as skin corrosive or irritating. The material is not thought to produce respiratory irritation (as classified by EC Directives using animal models). Nevertheless inhalation of vapours, fumes or aerosols, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress. Accidental ingestion of the material may be damaging to the health of the individual. This material can cause eye irritation and damage in some persons. - This material can cause inflammation of the skin on contact in some persons. - The material may accentuate any pre-existing dermatitis condition - Open cuts, abraded or irritated skin should not be exposed to this material - Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. - Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
	Dermal	
	Inhaled	
	Ingestion	
	Eye	
	Skin	
	Respiratory	Inhalation of vapours or mists may cause irritation to the respiratory system.

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Chronic
Sensitisation
Mutagenicity
Carcinogenicity
Reproductive / Developmental
Sytemic
Aggravation of existing condition
STOT – Single Exposure
STOT – Repeated Exposure
Chronic

Product is not expected to be a contact and respiratory sensitiser.

Based on available data, the classification criteria are not met.

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Ethylene glycol esters and their ethers cause wasting of the testicles, reproductive changes, infertility and changes to kidney function. Shorter chain compounds are more dangerous.

12. Ecological Data

Summary

This mixture is not considered ecotoxic however in all cases prevent run-off to drains, sewers and waterways.

Supporting Data

Toxicity

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.

Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

DO NOT discharge into sewer or waterways.

May cause long-term adverse effects in the aquatic environment.

cetyltrimethylammonium chloride

Endpoint	Test Duration (hr)	Species	Value	Source
EC50	48h	Crustacea	0.067mg/L	5
EC50	72h	Algae or other aquatic plants	0.115mg/l	2
EC50	96h	Algae or other aquatic plants	0.113mg/l	2
NOEC(ECx)	504h	Crustacea	>=0.005mg/L	2
LC50	96h	Fish	0.06-0.15mg/L	4

nonylphenol ethoxylates

Endpoint	Test Duration (hr)	Species	Value	Source
BCF	1008h	Fish	<0.2	7
EC50	48h	Crustacea	12.2mg/L	4
EC50	96h	Algae or other aquatic plants	12mg/l	4
NOEC(ECx)	2400h	Fish	0.035mg/L	4
LC50	96h	Fish	1-1.8mg/L	4

Monoethanolamine

Endpoint	Test Duration (hr)	Species	Value	Source
EC50	48h	Crustacea	65mg/l	1
EC50	72h	Algae or other aquatic plants	15mg/l	1
EC50	96h	Algae or other aquatic plants	80mg/l	2
NOEC(ECx)	72h	Algae or other aquatic plants	4mg/l	1
LC50	96h	Fish	75mg/l	1

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ethylene glycol monobutyl ether

Endpoint	Test Duration (hr)	Species	Value	Source
EC50	48h	Crustacea	164mg/l	2
EC50	72h	Algae or other aquatic plants	623mg/l	2
EC50	96h	Algae or other aquatic plants	720mg/l	2
EC10(ECx)	48h	Crustacea	7.2mg/l	2
LC50	96h	Fish	1250mg/l	2

Water

Endpoint	Test Duration (hr)	Species	Value	Source
Not Available	Not Available	Not Available	Not Available	Not Available

Legend:

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Bioaccumulation

Ingredient	Bioaccumulation
cetyltrimethylammonium chloride	LOW (LogKOW = 3.23)
nonylphenol ethoxylates	LOW (BCF = 1.4)
monoethanolamine	LOW (LogKOW = -1.31)
ethylene glycol monobutyl ether	LOW (BCF = 2.51)
water	LOW (LogKOW = -1.38)

Mobility

Ingredient	Mobility
monoethanolamine	HIGH (Log KOC = 1)
ethylene glycol monobutyl ether	HIGH (Log KOC = 1)

Persistence & Degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
monoethanolamine	LOW	LOW
ethylene glycol monobutyl ether	LOW (Half-life = 56 days)	LOW (Half-life = 1.37 days)
water	LOW	LOW

Soil
Terrestrial vertebrate
Terrestrial invertebrate
Biocidal
Environmental Protection

No information available.
No information available.
No information available.
No information available.
No information available.

13. Disposal Considerations

Restrictions

There are no product-specific restrictions, however, local council and resource consent conditions may apply, including requirements of trade waste consents.

Product/ Packaging disposal

- Containers may still present a chemical hazard/ danger when empty. Return to supplier for reuse/ recycling if possible.
- Otherwise:
- If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.
- Where possible retain label warnings and SDS and observe all notices pertaining to the product.

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- **DO NOT** allow wash water from cleaning or process equipment to enter drains.
- It may be necessary to collect all wash water for treatment before disposal.
- In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. Where in doubt contact the responsible authority.
- Recycle wherever possible.

Ensure that the hazardous substance is disposed in accordance with the Hazardous Substances (Disposal) Notice 2017

Disposal Requirements

Packages that have been in direct contact with the hazardous substance must be only disposed if the hazardous substance was appropriately removed and cleaned out from the package. The package must be disposed according to the manufacturer's directions taking into account the material it is made of. Packages which hazardous content have been appropriately treated and removed may be recycled.

The hazardous substance must only be disposed if it has been treated by a method that changed the characteristics or composition of the substance and it is no longer hazardous.

14. Transport Information

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	Hazchem code:	NA

IMDG

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	EmS:	NA

IATA

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	ERG Guide	NA

15. Regulatory Information

Safety, health and environmental regulations / legislation specific for the substance or mixture

This substance is to be managed using the conditions specified in an applicable Group Standard

HSR Number	Group Standard
HSR002530	Cleaning Products Subsidiary Hazard Group Standard 2020

Please refer to Section 8 of the SDS for any applicable tolerable exposure limit or Section 12 for environmental exposure limit.

cetyltrimethylammonium chloride is found on the following regulatory lists

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 Inventory of Chemicals (NZIoC)

nonylphenol ethoxylates is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List

New Zealand Approved Hazardous Substances with controls

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 Inventory of Chemicals (NZIoC)

New Zealand Land Transport Rule: Dangerous Goods 2005 - Schedule 1 Quantity limits for dangerous goods

monoethanolamine is found on the following regulatory lists

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 Inventory of Chemicals (NZIoC)

New Zealand Workplace Exposure Standards (WES)

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ethylene glycol monobutyl ether is found on the following regulatory lists

Hazard Class	Gas (aggregate water capacity in mL)	Liquid (L)	Solid (kg)	Maximum quantity per package for each classification
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic
 New Zealand Approved Hazardous Substances with controls
 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 Inventory of Chemicals (NZIoC)
 New Zealand Workplace Exposure Standards (WES)

water is found on the following regulatory lists

New Zealand Inventory of Chemicals (NZIoC)

Maximum quantities of certain hazardous substances permitted on passenger service vehicles

Subject to Regulation 13.14 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (ethylene glycol monobutyl ether)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	All chemical substances in this product have been designated as TSCA Inventory 'Active'
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - FBEPH	Yes
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

16. Other Information

References

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. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC-TWA Permissible Concentration-Time Weighted Average

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PC-STEL	Permissible Concentration-Short Term Exposure Limit
IARC	International Agency for Research on Cancer
ACGIH	American Conference of Governmental Industrial Hygienists
STEL	Short Term Exposure Limit
TEEL	Temporary Emergency Exposure Limit
IDLH	Immediately Dangerous to Life or Health Concentrations
ES	Exposure Standard
OSF	Odour Safety Factor
NOAEL	No Observed Adverse Effect Level
LOAEL	Lowest Observed Adverse Effect Level
TLV	Threshold Limit Value
LOD	Limit Of Detection
OTV	Odour Threshold Value
BCF	BioConcentration Factors
BEI	Biological Exposure Index
DNEL	Derived No-Effect Level
PNEC	Predicted no-effect concentration
MARPOL	International Convention for the Prevention of Pollution from Ships
IMSBC	International Maritime Solid Bulk Cargoes Code
IGC	International Gas Carrier Code
IBC	International Bulk Chemical Code
AIIC	Australian Inventory of Industrial Chemicals
DSL	Domestic Substances List
NDSL	Non-Domestic Substances List
IECSC	Inventory of Existing Chemical Substance in China
EINECS	European INventory of Existing Commercial chemical Substances
ELINCS	European List of Notified Chemical Substances
NLP	No-Longer Polymers
ENCS	Existing and New Chemical Substances Inventory
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances
TSCA	Toxic Substances Control Act
TCSI	Taiwan Chemical Substance Inventory
INSQ	Inventario Nacional de Sustancias Químicas
NCI	National Chemical Inventory
FBEPH	Russian Register of Potentially Hazardous Chemical and Biological Substances

Review

Date	Reason for review
1 April 2025	Phone number updated

Disclaimer

This SDS was prepared by INTEGRA INDUSTRIES LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely GHS 7 classifications for this SDS have been estimated based on general information from the supplier (e.g., hazard, toxicological). This SDS is copyright INTEGRA INDUSTRIES LTD and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email sales@integraindustries.co.nz or phone: +64 3 455 6805.