

Geller Ultimo #2

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	Geller Ultimo #2
Product code	NA
HSNO approval	HSR0002526
Approval description	Cleaning Products (Corrosive) Group Standard 2020
UN number	1760
Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (SODIUM HYPOCHLORITE 4.2% , ALANINE, N,N-BIS(CARBOXYMETHYL)-, TRISODIUM SALT SOLUTION) 6.4%)
DG class	8
Packaging group	III
Hazchem code	2X
Uses	Cleaner/Degreaser For use in workplaces only.

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

Hazardous substance according to Hazardous Substances and New Organisms (HSNO) Act 1996
Classifications according to the Hazardous Substances (Hazard Classification) Notice 2020.

GHS 7 Classes

Metal corrosive Category 1
Flammable liquid Category 4
Skin corrosive Category 1C
Eye damage Category 1
Skin sensitisation Category 1
Reproductive toxicity Category 2
Specific target organ toxicity (repeated exposure) Category 2

Hazardous to the aquatic environment (chronic) Category 2

Hazard Statements

H227 Combustible liquid.
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

SYMBOLS

DANGER



Other Classifications

There are no other classifications that are known to apply

Precautionary Statements

Prevention	P102 - Keep out of reach of children. P103 - Read label before use. P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat/sparks/open flames. Hot surfaces. No smoking.
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P234 - Keep only in original packaging.
P260 - Do not breathe vapours.
P264 - Wash hands thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing and eye/face protection.
P281 - Use personal protective equipment as required.

Response P101 If medical advice is needed, have product container or label at hand.
P308+P313 If exposed or concerned: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting..
P303+P361+P353 Take off contaminated clothing and wash before re-use.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before re-use.
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a Poison Centre or doctor.
P305+P351+P338 If IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTRE or a doctor.
P370+P378 In case of fire: Stop leak if safe to do so.
P390 Absorb spillage to prevent material damage.

Storage P403+P350 Store In a well-ventilated place. Keep cool.
P405 Store locked up.
P406 Store in corrosive resistant container (HDPE) or container with a corrosive resistant liner.

Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
Ethylene glycol monobutyl ether	111-76-2	10 - 20
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	5 - 10
Dodecylbenzene sulfonic acid	27176-87-0	3 -10
Alanine, N,N-bis(carboxymethyl)-, trisodium salt	164462-16-2	1 - 5
Sodium hydroxide	1310-73-2	1 - 5
Citrus Fragrance mixture	Trade secret	1 - 3
Other ingredients	Trade secret	<20
Water	7732-18-5	Balance
Legend: Classification drawn from CCID EPA NZ; Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; Classification drawn from C&L; * EU IOELVs available		

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 Rinse mouth with water. Do not induce vomiting. Give a glass or two of water to drink slowly. Call the NATIONAL POISON CENTRE or doctor for advice.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and

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easy to do. Continue rinsing. Get immediate medical advice.

Skin Contact

Remove contaminated clothing and wash skin with plenty of soap and water. Get medical advice if irritation occurs.

Inhaled

Remove person to fresh air and keep at rest in a position comfortable for breathing. Get medical advice if person experiences respiratory symptoms such as difficulty breathing.

Symptoms caused by exposure

Burning sensation/irritation of eyes, skin and mucous membranes.

Advice to Doctor

Treat symptomatically.

5. Firefighting Measures

Fire and explosion hazards:

No information available.

Suitable Extinguishing Media:

Use water spray or fog, alcohol resistant foam, dry chemical powder, carbon dioxide as appropriate to surrounding materials. Do not use water jet.

Special hazards arising from the substrate or mixture:

Fire decomposition products may be harmful/toxic if inhaled. Keep fire exposed containers cool with water spray to prevent closed containers from rupturing.

Special protective equipment and precautions for fire fighters

Wear full personal protective equipment including with self-contained breathing apparatus (SCBA).

6. Accidental Release Measures

Personal precautions, protective equipment and precautions for fire fighters

Contain spillage. Keep unauthorised people away from spillage. Wear full protective clothing including respiratory, eye and face protection. Wash contaminated personal protective equipment and clothing, and dry before re-use.

Environmental precautions

Prevent spillage from entering drains or waterways. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Methods and materials for containment and cleaning up

Collect spilled material. Recover large liquid spills into labelled drums that can be sealed for safe disposal. For small spillage, absorb with inert material (e.g. vermiculite, sand, absorbent), recover into labelled container that can be sealed and sent for disposal to landfill. Wash area with water and detergent.

7. Storage and Handling

Precautions for safe handling

Read the label and understand hazards and safety precautions before use. Use in well-ventilated environment. Avoid contact with skin and eyes, inhalation of vapour, mist/aerosols. Wear chemical resistant gloves and eye protection. Wash hands after handling.

Conditions for safe storage

Store locked up in the tightly closed original packaging out of reach of children and in a dry, cool, well-ventilated area. Keep away from food, drink and feedstuffs and sources of heat, hot surfaces, flame.

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product. There is a general limit of 3mg/m³ for respirable particulates and 10mg/m³ for inhalable particulates when limits have not otherwise been established.

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NZ Workplace Exposure Standards	Ingredient	WES-TWA	WES-STEL
	Butyl glycol ether	49 (10 ppm)	98 (20 ppm)
	Sodium hydroxide	-	-

Engineering Controls

Use with adequate ventilation.

Personal Protective Equipment

The following Standards provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Eye and Face



- Wear protective glasses

Hand



- Wear impervious gloves (e.g. rubber, nitrile, butyl).

Body



Clothing: AS/NZS 4501, Occupational Protective Footwear: AS/NZS2210.

Respiratory

Not normally required in end-use situation with adequate ventilation.

WES Additional Information

Not applicable

9. Physical & Chemical Properties

Appearance	Orange Liquid
Odour	Citrus
Odour Threshold	Not known
pH (as supplied)	7.5 – 8.5
pH as a solution (1%)	Not available
Boiling point/ boiling range (°C)	Not available
Freezing/Melting Point	Not available
Flammability	Not Applicable
Flashpoint	>61°C
Upper Explosive limit (%)	Not available
Lower Explosive limit (%)	Not available
Vapour pressure (kPa)	Not available
Vapour density	Not available
Specific gravity/density	~1.0
Solubility	Completely soluble in water
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 Reactivity

Stable under normal temperatures and pressure for storage and use.
This product is unlikely to react or decompose under normal storage conditions.

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Conditions to be avoided	Avoid storage in direct sunlight, or near heat, flame, hot surfaces.
Incompatible groups	Aluminium, amphoteric metals, light metals, strong bases at high temperature, and acids.
Hazardous decomposition products	Fire Decomposition: Unspecified compounds including carbon, nitrogen and sulphur oxides that may be harmful toxic.
Hazardous Polymerization	Not known to occur.

11. Toxicological Information

Summary

The product is classified for health hazards according to an assessment of information on product ingredients.

Supporting Data

Acute	Toxicity	May be harmful if ingested causing burns or irritation in mouth, throat or gastrointestinal tract. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain
	Respiratory Irritation	Vapours may irritate mucous membranes.
Chronic	Skin Irritation/ Corrosion	Causes severe skin burns. Symptoms of exposure may also include reddening, swelling, irritation and mild eczema.
	Serious Eye Damage/ Irritation	Causes serious eye damage. Vapours may also be irritating.
	Sensitisation	Fragrance ingredient in product identified as a contact skin sensitiser.
	Mutagenicity	No ingredients in product identified as presumed or suspected mutagens.
	Carcinogenicity	Not classified as presumed or suspected carcinogen.
	Reproductive / Developmental	Fragrance ingredient in product identified as suspected of damaging fertility or the unborn child.
	Aggravation of existing condition	None known.
	STOT – Single Exposure	Sodium hypochlorite is a respiratory sensitiser from a single exposure.
	STOT – Repeated Exposure	Fragrance ingredient in product identified as may cause damage to organs through prolonged or repeated exposure.
	Narcotic effects	Product contains no ingredient identified as causing narcotic effects.
	Aspiration Hazard	Product contains no components with aspiration hazard.

12. Ecological Data

ECOTOXICITY

This product is very toxic to aquatic life and with long-lasting effects.

ENVIRONMENTAL FATE

Bioaccumulation	No data available for all ingredients.
Mobility in soil	Product is readily soluble in water.
Persistence and Degradability	No data available for all ingredients.
Soil	No information available.
Terrestrial vertebrate	No information available.
Terrestrial invertebrate	No information available.
Biocidal	No information available.
Environmental Protection	Prevent this material entering waterways, drains and sewers.

13. Disposal Considerations

Product/ Packaging Disposal	If possible, dispose of by using according to the label. Otherwise, dispose of to an approved landfill.
Container Disposal	Do not use packaging for storage of other products. Empty water rinsed containers should be taken to a collection site for recycling. Otherwise dispose of at an approved landfill.

14. Transport Information

Land transport (UN): Classified as Dangerous Good Class 8 according to NZS5433 Transport of Dangerous Goods on Land 2020.

Air transport (ICAO-IATA / DGR): Classified as Dangerous Good Class 8 by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air.

Sea transport (IMDG-Code / GGVSee): Classified as Dangerous Good Class 8 by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

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Class(es)	8	Packing group:	III
Precautions:	NA	Hazchem code:	2X
IMDG			
UN number:	1760	Proper shipping name:	CORROSIVE LIQUID, N.O.S. (SODIUM HYPOCHLORITE 4.2% , ALANINE, N,N-BIS(CARBOXYMETHYL)-, TRISODIUM SALT SOLUTION) 6.4%)
Class(es)	8	Packing group:	III
Precautions:	NA	EmS:	F-A, S-Q
IATA			
UN number:	1760	Proper shipping name:	CORROSIVE LIQUID, N.O.S. (SODIUM HYPOCHLORITE 4.2% , ALANINE, N,N-BIS(CARBOXYMETHYL)-, TRISODIUM SALT SOLUTION) 6.4%)
Class(es)	8	Packing group:	III
Precautions:	NA	ERG Guide	NA

15. Regulatory Information

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

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

HSR Number	Group Standard
HSR0002526	Cleaning Products (Corrosive) Group Standard 2020

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

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

ADE	Acceptable Daily Exposure
ADI	Acceptable Daily Intakes
CAS Number	Chemical Abstracts Service Registry Number
CCID	Chemical Classification Identification Database
EPA	Environmental Protection Authority
ErC₅₀	Half maximal Effective Concentration
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HSNO	Hazardous Substances and New Organisms
HS	Health and Safety
HSR	Hazardous Substances Register
IARC	International Agency for Research on Cancer

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LC₅₀	Median Lethal Concentration
LD₅₀	Median Lethal Dose
SDS	Safety Data Sheets
NOAEL	No Observable Adverse Effect Level
NOEL	No Observable Effect Level
NOS	Not otherwise specified
PDE	Potential Daily Exposure
STEL	Short Term Exposure Limit
SWA	Safety Work Australia
TEL	Tolerable Exposure Level
TWA	Time-Weighted Average
UN Number	United Nations Number

REFERENCES

EPA CCID and Approved Substance databases.
Raw material supplier SDS's.

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.