

Rapid Commercial Bleach 4.9%

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	Rapid Commercial Bleach 4.9%
Product code	NA
HSNO approval	HSR002530
Approval description	Cleaning Products (Subsidiary) Group Standard 2020
UN number	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S. (SODIUM HYPOCHLORITE <5%)
DG class	9
Packaging group	III
Hazchem code	3Z
Uses	Bleach cleaning product for bathrooms. 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

Skin irritant Category 2
Eye damage Category 1
Hazardous to the aquatic environment (chronic) Category2.

Hazard Statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H411 Toxic 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. P264 - Wash hands thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing and eye/face protection.
Response	P101 If medical advice is needed, have product container or label at hand. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before re-use. P305+P351+P338 If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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P310 Immediately call a Poison Centre or doctor.
P391 Collect spill.

Storage No information available.

Disposal P501 Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
Sodium hypochlorite	7681-52-9	<5
Other ingredients	Trade secret	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 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.
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).

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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

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.

NZ Workplace Exposure Standards	Ingredient	WES-TWA	WES-STEL
	No ingredient listed.	No available data	No available data

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.

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WES Additional Information

Not applicable

9. Physical & Chemical Properties

Appearance	Pale yellow/straw colored liquid
Odour	Chlorine
Odour Threshold	Not known
pH (as supplied)	7.0-8.5
pH as a solution (1%)	Not available
Boiling point/ boiling range (°C)	~100 °C
Freezing/Melting Point	Not available
Flammability	Not Applicable
Flashpoint	Not available
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	Stable under normal temperatures and pressure for storage and use.
Reactivity	This product is unlikely to react or decompose under normal storage conditions.
Conditions to be avoided	Avoid storage in direct sunlight. Contact with metals such as mild steel, copper, copper alloys, strong acids can cause formation of flammable hydrogen gas.
Incompatible groups	Contact with acids produces chlorine fumes/flammable hydrogen gas.
Hazardous decomposition products	Fire Decomposition: Hydrogen chloride, carbon oxides and other unspecified compounds
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 cause irritation in mouth, throat or gastrointestinal tract but not acutely toxic by oral, dermal or inhalation exposure.
	Respiratory Irritation	Vapours may irritate mucous membranes.
	Skin Irritation/ Corrosion	Irritant.
Chronic	Serious Eye Damage/ Irritation	Causes serious eye damage. Vapours may also be irritating.
	Sensitisation	Not classified as sensitiser.
	Mutagenicity	No ingredients in product identified as presumed or suspected mutagens.
	Carcinogenicity	No ingredients in product identified as presumed or suspected carcinogens.
	Reproductive / Developmental Aggravation of existing condition	No ingredients in product identified as suspected of damaging fertility or the unborn child.
	STOT – Single	None known.
		Sodium hypochlorite is a respiratory sensitiser from a single exposure.

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Exposure	
STOT – Repeated Exposure	Not classified as causing 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.

Sodium hypochlorite	Oral, mouse, LD50 5800 mg/kg b.w Dermal, rabbit , LD50 >10,000 mg/kg b.w. Inhalation, rat LC50 (4 hr) >2.625 mg/L
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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, subclass 9, 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 , subclass 9, by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

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IMDG			
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Class(es)	9	Packing group:	III
Precautions:	NA	EmS:	F-A, S-Q
IATA			
UN number:	3082	Proper shipping name:	ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S. (SODIUM HYPOCHLORITE <5%)
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Precautions:	NA	ERG Guide	NA

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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
HSR0002530	Cleaning Products (Subsidiary) 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
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.