

MATERIAL SAFETY DATA SHEET

Simms Jones Glass Cleaner

SECTION 1.

Identification of the Substance and Supplier

PRODUCTS APPLICABLE	Simms Jones Glass Cleaner 200L
PRODUCT USE	Household/Industrial/Institutional: Cleaning product
SUPPLIER	Simms Jones Ltd, 217 Lichfield St, Christchurch
PHONE	(03) 366 5769
FAX	(03) 365 4727
E-MAIL	cleanser@simmsjones.co.nz
EMERGENCY CONTACT	Craig Keenan 027 291 6181

SECTION 2.

Hazards Identification

HAZARDS

Serious eye damage/eye irritation Category 2B, Skin corrosion/irritation Category 3

HAZARD STATEMENTS

Warning. Causes eye irritation. Causes mild skin irritation.

PREVENTION STATEMENTS

Read label before use. Wash hands thoroughly after handling.

RESPONSE STATEMENTS

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF ON SKIN: If skin irritation occurs: Get medical attention.

DISPOSAL STATEMENT

Triple rinse empty container before offering for recycling or disposal.

SECTION 3.

Composition and Information on Ingredients

INGREDIENT	PROPORTION	CAS NUMBER
Isopropyl Alcohol	<10%	67-63-0
Ammonium Hydroxide	<1%	1336-21-6

SECTION 4.

First Aid Measures

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF ON SKIN: If skin irritation occurs: Get medical attention.

SECTION 5.

Fire-Fighting Measures

EXTINGUISHING MEDIA Foam, CO₂, dry chemical, or water fog
COMBUSTION PRODUCTS Oxides of carbon
FIRE-FIGHTING PROCEDURES Normal firefighting procedures may be used

SECTION 6.

Accidental Release Measures

EMERGENCY PROCEDURES No special procedures required
ENVIRONMENTAL PRECAUTIONS No special precautions required
SPILL CONTROL Collect leaking liquid in sealable containers, absorb liquid in inert absorbent, and wash contaminated area with plenty of water

SECTION 7.

Handling and Storage

HANDLING PRECAUTIONS Wash hands thoroughly after handling. Product residue may remain on/in empty containers. Use all precautions for handling the product in handling the empty container and residue.
STORAGE Store in a cool, dry place. Keep out of reach of children.

SECTION 8.

Exposure Controls/Personal Protection

EXPOSURE LIMITS	8 h TWA = 9898 mg/m ³ 15 min STEL = 19796 mg/m ³
ENGINEERING CONTROLS	Ensure ventilation is adequate. Keep containers closed.
RESPIRATORY PROTECTION	No respiratory protection required
PROTECTIVE GLOVES	Nitrile rubber
EYE PROTECTION	Splash-proof goggles

SECTION 9.

Physical and Chemical Properties

APPEARANCE	Clear blue liquid
ODOUR	Ammonia
ODOUR THRESHOLD	Not Available
pH	9-10
MELTING POINT/FREEZING POINT	-3°C
BOILING RANGE	83°C-100°C
FLASH POINT	Not Determined
FLAMMABILITY	Not Determined
FLAMMABILITY OR EXPLOSIVE LIMITS	Not Determined
VAPOUR PRESSURE	2.4 kPa at 20°C
VAPOUR DENSITY	Not Determined
RELATIVE DENSITY	0.99
SOLUBILITY	Completely miscible with water
PARTITION CO-EFFICIENT: n-OCTANOL/WATER	Not Determined
AUTO-IGNITION TEMPERATURE	Not Applicable
DECOMPOSITION TEMPERATURE	Not Determined
KINEMATIC VISCOSITY	9.1x10 ⁻⁷ m ² /s

SECTION 10.

Stability and Reactivity

REACTIVITY	Not reactive with other chemicals or cleaners
STORAGE CONDITIONS	No special conditions required
INCOMPATIBLE SUBSTANCES	Strong oxidising and reducing agents, acetylene, acids, chlorine, peroxides, ethylene oxide, isocyanates, aluminium, metal salts, and reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Hydrogen and oxides of carbon

SECTION 11.

Toxicological Information

ACUTE TOXICITY	No acute effects
SKIN CORROSION/IRRITATION	Causes mild skin irritation
SERIOUS EYE DAMAGE/IRRITATION	Causes eye irritation
RESPIRATORY OR SKIN SENSITISATION	No sensitisation
GERM CELL MUTAGENICITY	No data available
CARCINOGENICITY	Not carcinogenic
REPRODUCTIVE TOXICITY	No reproductive toxicity
SPECIFIC TARGET ORGAN TOXICITY	
-SINGLE EXPOSURE	No specific organ toxicity
-REPEATED EXPOSURE	No specific organ toxicity
ASPIRATION HAZARD	No aspiration hazard

TOXICITY

ISOPROPYL ALCOHOL

CLASSIFICATION: 6.3B Mildly irritating to the skin

SPECIES: Rabbit

RESULT: Mild

SOURCE: National Technical Information Service (Springfield, Virginia 22161).

CLASSIFICATION: 6.4A Irritating to the eye

SPECIES: Rabbit

RESULT: Mild. Graded 4 on a scale of 1-10 (10 being the most severe) after 24 h.

SOURCE: Grant W.M., Toxicology of the Eye 3rd edition (1986). Springfield, Illinois: Charles C. Thomas Publisher, page 539

AMMONIUM HYDROXIDE

CLASSIFICATION: 6.3A Irritating to the skin

EXPERT JUDGEMENT: Irritant at this concentration

CLASSIFICATION: 6.4A Irritating to the eye

EXPERT JUDGEMENT: Irritant at this concentration

SECTION 12.

Ecological Information

BIODEGRADABILITY	Rapidly Degradable
BIOACCUMULATIVE POTENTIAL	Not Bioaccumulative
MOBILITY IN SOIL	Not Determined

AMMONIUM HYDROXIDE ECOTOXICITY

STUDY: Coho salmon, flow-through, 96 h, LC₅₀

VALUE: 0.45 mg/L

SOURCE: Verschuereen K. Handbook of Environmental Data of Organic Chemicals 2nd edition (1983).
New York, NY: Van Nostrand Reinhold Co, page 195.

BIOACCUMULATIVE: No

RAPIDLY DEGRADABLE: Yes

STUDY: Water flea (Daphnia magna), 48 h, LC₅₀

VALUE: 0.66 mg/L

SOURCE: Environment Canada, Tech Info for Problem Spills: Ammonia (Draft) (1983), page 86.

SECTION 13.

Disposal Considerations

DISPOSAL Triple rinse empty container before offering for recycling or disposal

SECTION 14.

Transportation Information

UN NUMBER	Not hazardous for transport
SHIPPING NAME	Glass and Mirror Cleaner
DANGEROUS GOODS CLASS	Not hazardous for transport
UN PACKING GROUP	Not hazardous for transport
ENVIRONMENTAL HAZARDS	Not environmentally hazardous
SPECIAL PRECAUTIONS	No special precautions required

SECTION 15.

Regulatory Information

HSNO APPROVAL NUMBER	HSR002530
GROUP STANDARD	Cleaning Products (Subsidiary Hazard) Group 2017
SPECIAL REQUIREMENTS	Not Applicable

SECTION 16.

Other Information

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ABBREVIATIONS

15 min STEL (Short-Term Exposure Limit)

The airborne concentration of a substance calculated as a time-weighted average over 15 minutes which must not be exceeded at any time during a normal eight-hour workday.

8 h TWA (Time-Weighted Average)

The time-weighted average airborne concentration of a substance when calculated over an eight-hour working day for a five-day working week.

LC₅₀ (Lethal Concentration 50%)

The concentration of a drug, antibody, or toxicant that kills half of a population.

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Simms Jones Limited	Phone +64 3 366 5769	
217 Lichfield St, Christchurch 8011, New Zealand	Fax +64 3 365 4727	cleanser@simmsjones.co.nz
PO Box 32054, Christchurch 8147, New Zealand	Freephone 0800 808 848	simmsjones.co.nz