

MATERIAL SAFETY DATA SHEET

G.P. Ammoniated Cleaner

SECTION 1.

Identification of the Substance and Supplier

PRODUCTS APPLICABLE	G.P. Ammoniated Cleaner: 5L, 20L, 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

Skin corrosion/irritation Category 2, Serious eye damage/irritation category 2A, Skin sensitization, Aquatic toxicity (Acute) Category 3

HAZARD STATEMENT

Warning. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Harmful to aquatic life.

PREVENTION STATEMENTS

Keep out of reach of children. Read label before use. Avoid breathing fumes. Wear protective gloves and eye/face protection. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

RESPONSE STATEMENT

If medical advice is needed, have product container or label at hand.

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

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before re-use.

DISPOSAL STATEMENT

Triple rinse empty container before offering for recycling or disposal.

SECTION 3.**Composition and Information on Ingredients**

INGREDIENT	PROPORTION	CAS NUMBER
Sodium Dodecylbenzene Sulfonate	<10%	25155-30-0
Ammonia	<1%	1336-21-6
5-chlor-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one mixture (Acticide 14)	<1%	55965-84-9

SECTION 4.**First Aid Measures**

If medical advice is needed, have product container or label at hand.

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

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before re-use.

IF SWALLOWED: Rinse mouth, drink water, and seek medical attention for alkaline liquid with ammonia.

SECTION 5.**Fire-Fighting Measures**

EXTINGUISHING MEDIA	Foam, CO ₂ , dry chemical, or water fog
COMBUSTION PRODUCTS	None known
FIRE-FIGHTING PROCEDURES	Normal fire-fighting procedures may be used

SECTION 6.**Accidental Release Measures**

EMERGENCY PROCEDURES	No special procedures required
ENVIRONMENTAL PRECAUTIONS	Avoid release to the environment
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

Wear protective gloves and eye/face protection. 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 = 5 mg/m³

ENGINEERING CONTROLS

Ensure ventilation is adequate. Keep containers closed.

RESPIRATORY PROTECTION

Half- or full-face mask with filter A2B2E2K2HG-P3 recommended

PROTECTIVE GLOVES

Nitrile rubber

EYE PROTECTION

Splash-proof goggles

SECTION 9.

Physical and Chemical Properties

APPEARANCE

Thick milky-white liquid

ODOUR

Ammonia and lemon

ODOUR THRESHOLD

Not Available

pH

10-11

MELTING POINT/FREEZING POINT

<0°C

INITIAL BOILING POINT

>100°C

FLASH POINT

Not Flammable

FLAMMABILITY

Not Flammable

FLAMMABILITY OR EXPLOSIVE LIMITS

Not Flammable

VAPOUR PRESSURE

Not Determined

VAPOUR DENSITY

Not Determined

RELATIVE DENSITY

1.03

SOLUBILITY

Completely miscible with water

PARTITION CO-EFFICIENT: n-OCTANOL/WATER

Not Determined

AUTO-IGNITION TEMPERATURE

Not Applicable

DECOMPOSITION TEMPERATURE

450°C

KINEMATIC VISCOSITY

8.6x10⁻⁷m²/s

SECTION 10.

Stability and Reactivity

REACTIVITY

Not reactive with other chemicals or cleaners

STORAGE CONDITIONS

No special conditions required

INCOMPATIBLE SUBSTANCES

None known

HAZARDOUS DECOMPOSITION PRODUCTS

None known

SECTION 11.

Toxicological Information

ACUTE TOXICITY	No acute effects
SKIN CORROSION/IRRITATION	Causes skin irritation. May cause an allergic skin reaction.
SERIOUS EYE DAMAGE/IRRITATION	Causes serious eye irritation
RESPIRATORY OR SKIN SENSITISATION	May cause skin 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

SODIUM DODECYLBENZENE SULFONATE

SPECIES: Rabbit

RESULT: Severe irritant

SOURCE: United States National Toxicology Program

AMMONIA

STUDY: Rat, LD₅₀

VALUE: 350-370 mg/kg

SOURCE: ITACA, S.A. POBLA TORNESA

ACTICIDE 14

STUDY: Rat, Dermal, LD₅₀

VALUE: >1000 mg/kg

SOURCE: Safety data sheet, Thor

STUDY: Guinea pigs

RESULT: Sensitising effect on skin

SOURCE: Safety data sheet, Thor

SECTION 12.

Ecological Information

AMMONIA ECOTOXICITY

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

VALUE: 0.45 mg/L

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

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

VALUE: 0.66 mg/L

Source: Environment Canada; Tech Info for Problem Spills: Ammonia (Draft) p.86 (1983)

BIODEGRADABILITY

Rapidly Degradable

BIOACCUMULATIVE POTENTIAL

Not Bioaccumulative

MOBILITY IN SOIL

Not Determined

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	G.P. Ammoniated Cleaner
DANGEROUS GOODS CLASS	Not Hazardous for transport
UN PACKING GROUP	Not Hazardous for transport
ENVIRONMENTAL HAZARDS	Harmful to aquatic life with long lasting effects
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

Date Issued: 23-4-2018

ABBREVIATIONS

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.

LD₅₀ (Lethal Dose 50%)

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

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