

MATERIAL SAFETY DATA SHEET

Pacific Pride Carpet Cleaner / Wool Wash

SECTION 1.

Identification of the Substance and Supplier

PRODUCTS APPLICABLE	Pacific Pride Carpet Cleaner / Wool Wash: 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 3, Aquatic toxicity (Acute) Category 2

HAZARD STATEMENTS

Warning. Causes mild skin irritation. Toxic to aquatic life with long lasting effects.

PREVENTION STATEMENTS

Read label before use. Avoid release to the environment.

RESPONSE STATEMENTS

Collect spillage. 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
C12-14 Alcohol Ethoxylate	<5%	68439-50-9
Benzalkonium Chloride	<1%	68424-85-1

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

SECTION 5.

Fire-Fighting Measures

EXTINGUISHING MEDIA	Foam, CO ₂ , dry chemical, or water fog
COMBUSTION PRODUCTS	Oxides of carbon and nitrogen, toxic organic vapours, amines, and hydrogen chloride
FIRE-FIGHTING PROCEDURES	Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to decomposition products

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	No special precautions required.
STORAGE	Store in a cool, dry place.

SECTION 8.

Exposure Controls/Personal Protection

EXPOSURE LIMITS	8 h TWA = 155 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, slightly orange liquid
ODOUR	Pleasant floral odour
ODOUR THRESHOLD	Not Available
pH	6-7
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	1.034
SOLUBILITY	Completely miscible with water
PARTITION CO-EFFICIENT: n-OCTANOL/WATER	Not Determined
AUTO-IGNITION TEMPERATURE	Not Applicable
DECOMPOSITION TEMPERATURE	150°C
KINEMATIC VISCOSITY	8.6x10 ⁻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
HAZARDOUS DECOMPOSITION PRODUCTS	Toxic organic vapours, amines, oxides of carbon and nitrogen, and hydrogen chloride

SECTION 11.

Toxicological Information

ACUTE TOXICITY	No acute effects
SKIN CORROSION/IRRITATION	Causes mild skin irritation
SERIOUS EYE DAMAGE/IRRITATION	No serious damage
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

DODECYL (C12) ALCOHOL ETHOXYLATE TOXICITY

STUDY: Human skin, 6mg, 3 days

RESULT: Moderate irritation

SOURCE: Toxicology Review. EPA TSCA Chemical Inventory, 1989.

SECTION 12.

Ecological Information

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

BENZALKONIUM CHLORIDE BIODEGRADABILITY

STUDY: OECD Confirmatory Test

VALUE: >90%

STUDY: CO₂ evolution

VALUE: 95.5%

STUDY: OECD 301 B

RESULT: Readily biodegradable

ECOTOXICITY

BENZALKONIUM CHLORIDE

STUDY: Rainbow trout (*Oncorhynchus mykiss*), 96 h, LC₅₀

VALUE: 0.93 mg/L

STUDY: Fathead minnow (*Pimephales promelas*), 96 h, LC₅₀

VALUE: 0.28 mg/L

STUDY: Water flea (*Daphnia magna*), 48 h, EC₅₀

VALUE: 0.016 mg/L

STUDY: Green algae (*Pseudokirchneriella subcapitata*), 72 h, ErC₅₀

VALUE: 0.049 mg/L

STUDY: Activated sludge, respiration inhibition, 3 h, EC₅₀

VALUE: 7.75 mg/L

ALCOHOLS, C12-C14, ETHOXYLATED

CLASSIFICATION: 9.1A

REMARK: Classification based on company data supporting this classification

R PHRASE: R50 Very toxic to aquatic organisms

SECTION 13.

Disposal Considerations

DISPOSAL	Triple rinse empty container before offering for recycling or disposal
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SECTION 14.

Transportation Information

UN NUMBER	Not hazardous for transport
SHIPPING NAME	Extraction Cleaner / Wool Wash
DANGEROUS GOODS CLASS	Not hazardous for transport
UN PACKING GROUP	Not hazardous for transport
ENVIRONMENTAL HAZARDS	Toxic 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: 28-5-2018

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.

EC₅₀ (Half maximal effective concentration)

The concentration of a drug, antibody, or toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.

EPA TSCA

United States Environmental Protection Agency Toxic Substances Control Act

ErC₅₀ (Half maximal effective rate concentration)

The concentration of a drug, antibody, or toxicant which results in a 50% reduction in growth rate after a specified exposure time.

LC₅₀ (Lethal Concentration 50%)

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

OECD

Organisation for Economic Co-operation and Development

UN

United Nations

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