

Chemico Cream Cleaner

SECTION 1.

Identification of the Substance and Supplier

PRODUCTS APPLICABLE	Chemico Cream Cleaner: Standard: 600g, 7.5kg MPI-Approved (C31, unperfumed): 7.5kg
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,
Aquatic toxicity (Acute) Category 1, Aquatic toxicity (Chronic) Category 1

HAZARD STATEMENTS

Warning. Causes eye irritation. Causes mild skin irritation. Very toxic to aquatic life with long lasting effects.

PREVENTION STATEMENTS

Read label before use. Wash hands thoroughly after handling. Avoid release to the environment.

RESPONSE STATEMENTS

Collect spillage.

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
Calcium Carbonate	>40%	471-34-1
Sodium Dodecylbenzene Sulfonate	<5%	25155-30-0
Triclosan	<1%	3380-34-5

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, 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	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 = 21 mg/m ³
ENGINEERING CONTROLS	Ensure ventilation is adequate. Keep containers closed.
RESPIRATORY PROTECTION	If ventilation is adequate respiratory protection is not required
PROTECTIVE GLOVES	Nitrile rubber
EYE PROTECTION	No eye protection required

SECTION 9.

Physical and Chemical Properties

APPEARANCE	Creamy liquid; Lemon Cream: Yellow, Rose Cream: Pink, C31 Cream: Pink
ODOUR	Lemon Cream: Lemon, Rose Cream: Rose, C31 Cream: None
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	1.46
SOLUBILITY	Completely miscible with water
PARTITION CO-EFFICIENT: n-OCTANOL/WATER	Not Determined
AUTO-IGNITION TEMPERATURE	Not Applicable
DECOMPOSITION TEMPERATURE	100°C
KINEMATIC VISCOSITY	Not Determined

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 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

SODIUM DODECYLBENZENE SULFONATE TOXICITY

SPECIES: Rabbit

RESULT: Severe irritant

SOURCE: NTP

SECTION 12.

Ecological Information

TRICLOSAN ECOTOXICITY DATA

ACUTE

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

VALUE: 0.25 mg/L

SOURCE: Ref no. 344. Office of Pesticide Programs (2000) Pesticide Ecotoxicity Database.
Environmental Fate and Effects Division, US EPA, Washington, D.C.

STUDY: Water flea (*Ceriodaphnia dubia*), 48 h, EC₅₀ (Immobility)

VALUE: 0.13 mg/L

SOURCE: NIVA

CHRONIC

STUDY: Rainbow trout (*Oncorhynchus mykiss*), NOEC (Growth and development, early life stages)

VALUE: 0.034 mg/L

SOURCE: Orvos, NIVA

STUDY: Plankton (*Anabena flos-aquae*), 96 h, EC₅₀

VALUE: 0.966 µg/L

Source: US EPA via ECB 'Environmental effects of triclosan'

BIODEGRABILITY

Not Rapidly Degradable

BIOACCUMULATIVE POTENTIAL

Bioaccumulative

MOBILITY IN SOIL

Not Determined

SECTION 13.

Disposal Considerations

DISPOSAL

Wash down drain.

Triple rinse empty container before offering for recycling or disposal.

SECTION 14.

Transportation Information

UN NUMBER

Not Hazardous for transport

SHIPPING NAME

Chemico Cream Cleaner

DANGEROUS GOODS CLASS

Not Hazardous for transport

UN PACKING GROUP

Not Hazardous for transport

ENVIRONMENTAL HAZARDS

Very 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: 12-4-018

ABBREVIATIONS

8 h TWA (8-hour 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.

LC₅₀ (Lethal Concentration 50%)

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

NIVA

Norwegian Institute for Water Research

NOEC

No Observed Effect Concentration

UN

United Nations

US EPA

United States Environmental Protection Agency

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