

MATERIAL SAFETY DATA SHEET

Chemico Paste

SECTION 1.

Identification of the Substance and Supplier

PRODUCTS APPLICABLE	Chemico Paste: 400g, 2kg, 10kg, 20kg
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

6.3B Skin corrosion/irritation Category 3, 6.4A Serious eye damage/eye irritation Category 2A

HAZARD STATEMENTS

Warning. Causes serious eye irritation. Causes mild skin irritation.

PREVENTION STATEMENTS

Read label before use. Wash hands thoroughly after handling. Wear eye/face protection.

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
Sodium Silicate	<5%	1344-09-8

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	No special procedures required
SPILL CONTROL	Scrape up spill and dispose as rubbish

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 = 286 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	Splash-proof goggles

SECTION 9.

Physical and Chemical Properties

APPEARANCE	Pink solid
ODOUR	Lavender
ODOUR THRESHOLD	Not Available
pH	10
MELTING POINT/FREEZING POINT	55°C
INITIAL BOILING POINT	Not Available
FLASH POINT	Not Flammable
FLAMMABILITY	Not Flammable
FLAMMABILITY OR EXPLOSIVE LIMITS	Not Flammable
VAPOUR PRESSURE	Not Determined
VAPOUR DENSITY	Not Determined
RELATIVE DENSITY	1.6
SOLUBILITY	Leaves powdery residue when mixed with water
PARTITION CO-EFFICIENT: n-OCTANOL/WATER	Not Determined
AUTO-IGNITION TEMPERATURE	Not Applicable
DECOMPOSITION TEMPERATURE	Not Determined
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 serious 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 SILICATE TOXICITY	
ORAL	LD ₅₀ (rat): 1280 mg/kg
SKIN DAMAGE	Severe irritant (rabbit)
EYE DAMAGE	Severe irritant (rabbit)

SECTION 12.

Ecological Information

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

SODIUM SILICATE ECOTOXICITY

STUDY: Zebrafish (Brachydanio rerio), LC₅₀, 96 h
VALUE: 1108 mg/L

STUDY: Water flea (Daphnia magna), EC₅₀, 48 h
VALUE: 1700 mg/L

SECTION 13.

Disposal Considerations

DISPOSAL	Dispose as rubbish 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	Chemico Paste
DANGEROUS GOODS CLASS	Not Hazardous for transport
UN PACKING GROUP	Not Hazardous for transport
ENVIRONMENTAL HAZARDS	Not Hazardous to the environment
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: 13-4-2018

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.

LD₅₀ (Lethal Dose 50%)

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

UN

United Nations

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