

MATERIAL SAFETY DATA SHEET

# Chemico Paste

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SECTION 1.

## Identification of the Substance and Supplier

<b>PRODUCTS APPLICABLE</b>	Chemico Paste: 400g, 2kg, 10kg, 20kg
<b>PRODUCT USE</b>	Household/Industrial/Institutional: Cleaning product
<b>SUPPLIER</b>	Simms Jones Ltd, 217 Lichfield St, Christchurch
<b>PHONE</b>	(03) 366 5769
<b>FAX</b>	(03) 365 4727
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<b>EMERGENCY CONTACT</b>	Craig Keenan 027 291 6181

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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.

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SECTION 3.

## Composition and Information on Ingredients

INGREDIENT	PROPORTION	CAS NUMBER
Sodium Silicate	<5%	1344-09-8

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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.

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SECTION 5.

## Fire-Fighting Measures

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

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SECTION 6.

## Accidental Release Measures

<b>EMERGENCY PROCEDURES</b>	No special procedures required
<b>ENVIRONMENTAL PRECAUTIONS</b>	No special procedures required
<b>SPILL CONTROL</b>	Scrape up spill and dispose as rubbish

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SECTION 7.

## Handling and Storage

<b>HANDLING PRECAUTIONS</b>	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.
<b>STORAGE</b>	Store in a cool, dry place. Keep out of reach of children.

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SECTION 8.

## Exposure Controls/Personal Protection

<b>EXPOSURE LIMITS</b>	8 h TWA = 286 mg/m <sup>3</sup>
<b>ENGINEERING CONTROLS</b>	Ensure ventilation is adequate. Keep containers closed.
<b>RESPIRATORY PROTECTION</b>	If ventilation is adequate respiratory protection is not required
<b>PROTECTIVE GLOVES</b>	Nitrile rubber
<b>EYE PROTECTION</b>	Splash-proof goggles

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## 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

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## 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

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## 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 <sub>50</sub> (rat): 1280 mg/kg
SKIN DAMAGE	Severe irritant (rabbit)
EYE DAMAGE	Severe irritant (rabbit)

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SECTION 12.

## Ecological Information

<b>BIODEGRABILITY</b>	Rapidly Degradable
<b>BIOACCUMULATIVE POTENTIAL</b>	Not Bioaccumulative
<b>MOBILITY IN SOIL</b>	Not Determined

### SODIUM SILICATE ECOTOXICITY

STUDY: Zebrafish (Brachydanio rerio), LC<sub>50</sub>, 96 h  
VALUE: 1108 mg/L

STUDY: Water flea (Daphnia magna), EC<sub>50</sub>, 48 h  
VALUE: 1700 mg/L

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SECTION 13.

## Disposal Considerations

<b>DISPOSAL</b>	Dispose as rubbish Triple rinse empty container before offering for recycling or disposal.
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SECTION 14.

## Transportation Information

<b>UN NUMBER</b>	Not Hazardous for transport
<b>SHIPPING NAME</b>	Chemico Paste
<b>DANGEROUS GOODS CLASS</b>	Not Hazardous for transport
<b>UN PACKING GROUP</b>	Not Hazardous for transport
<b>ENVIRONMENTAL HAZARDS</b>	Not Hazardous to the environment
<b>SPECIAL PRECAUTIONS</b>	No special precautions required

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SECTION 15.

## Regulatory Information

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

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## SECTION 16.

### Other Information

Date Issued: 13-4-018

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#### 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.

##### **EC<sub>50</sub> (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.

##### **LD<sub>50</sub> (Lethal Dose 50%)**

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

##### **UN**

United Nations

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