CHANDLER
225 THORNE AVE
ST. JOHN, NB, E2L 4L9
CANADA
506-658-8000

PRODUCT: PRIMA PLUS **CODE: 4004**

SECTION 01: IDENTIFICATION

Supplier identifier.....	Chandler 225 Thorne Avenue St. John, NB E2L 4L9 Canada (506) 658-8000
Product identifier.....	PRIMA PLUS
Product code.....	4004
Emergency telephone number.....	CANUTEC 24-hour number (613-996-6666).
Product use.....	Grease trap treatment.

SECTION 02: HAZARD IDENTIFICATION

Hazard classification.....	Skin Sensitizer — Category 1.
Signal word.....	WARNING.
Hazard statement.....	H317 May cause an allergic skin reaction.
Precautionary statements.....	P261 Avoid breathing fume/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse. P501 Dispose of contents/container to an approved waste disposal plant.
Other hazards.....	Ingestion of this product may cause gastrointestinal irritation, nausea, vomiting and diarrhea. .

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Viable bacterial culture	not available	8-10
L-glutamic acid N,N-diacetic acid, tetra sodium salt	51981-21-6	0.1-0.5

SECTION 04: FIRST-AID MEASURES

Routes of exposure

Inhalation.....	Remove to fresh air. If irritation persists, consult a physician. No Exposure expected under normal use.
Ingestion.....	Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Skin contact.....	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical aid.
Eye contact.....	Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists, consult a physician.
Most important symptoms and effects, both acute and delayed .	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Medical attention and special treatment.....	IF exposed or concerned: Get medical advice/attention.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media.....	Use an extinguishing agent suitable for the surrounding fire.

Hazardous combustion products..... Carbon oxides. Harmful vapours. The substances/groups of substances mentioned can be released in case of fire.
Special protective equipment and precautions Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
Sensitivity to static discharge..... Product is not sensitive to static discharge.
Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.
Further information..... Not applicable.

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SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective clothing.
Environmental precautions..... Do not discharge into drains/surface waters/groundwater.
Methods and materials for containment and cleaning up Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Contaminated absorbent material may pose the same hazards as the spilled product .

SECTION 07: HANDLING AND STORAGE

Handling precautions..... Avoid contact with skin and eyes.
Storage needs..... Keep in a dry, cool and well-ventilated place. Keep containers from excessive heat and freezing.
Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH TLV		OSHA PEL		NIOSH
INGREDIENTS	TWA	STEL	PEL	STEL	REL
Viable bacterial culture	no data available	no data available	no data available	no data available	no data available
L-glutamic acid N,N-diacetic acid, tetra sodium salt	not available	not available	not available	not available	not available

Engineering controls..... No special ventilation requirements.
Individual protection measures
Eye/type..... None required under normal conditions of use. .
Gloves/ type..... Wear chemical resistant protective gloves.
Respiratory/type..... Not required.
Clothing/type..... Wear clean long legged, long sleeved work clothes.
Hygiene measures..... Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, smoke or use cosmetics while working with this product. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... liquid.
Color..... beige, off-white.
Odour..... mild.
Odour threshold..... no data available.
pH..... 8-8.5.
Melting point (ºC)..... not applicable.
Freezing point (ºC)..... 0.
Initial boiling point (ºC)..... 100.

Flash point (ºC), Method	>100°C, closed cup.
Evaporation rate	no data available.
Upper flammability limit (% vol)	no data available.
Lower flammability limit (% vol)	no data available.
Vapour pressure (mm Hg)	17.5.
Vapour density (air=1)	> 1.
Relative density/Specific Gravity	1-1.01.
Water solubility	soluble.
Solubility in other solvents	no data available.
Partition coefficient — n-octanol/water	no data available.
Auto ignition temperature (ºC)	> 200 °C.
Thermal decomposition temperature	no data available.
Viscosity	thin liquid.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
Conditions to avoid	Exposure to air or moisture over prolonged periods. Prolonged heat/light/air exposure.
Incompatible materials	Acids and bases. Strong oxidizing agents.
Hazardous decomposition products	No data available.

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SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Viable bacterial culture	no data available	no data available
L-glutamic acid N,N-diacetic acid, tetra sodium salt	not available	>2,000 mg/kg (oral-rat)

Routes of exposure	
Inhalation	None expected under r
Ingestion	May cause irritation of the stomach.
Skin contact	Contact may cause skin irritation. May cause skin sensitization or other allergic responses.
Eye contact	Contact may cause eyes irritation.
Acute effects	
Acute oral toxicity	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.
Acute dermal toxicity	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.
Acute inhalation toxicity	At room temperature, exposure to vapor is minimal due to low volatility .
Skin corrosion/irritation	Non-irritant.
Serious eye damage/eye irritation	Result: Severe eye irritation.
Respiratory or skin sensitisation	Repeated or prolonged contact may cause skin sensitization .
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.
Aspiration hazard	No aspiration hazard expected.
Chronic toxicity/effects	
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.
Carcinogenicity	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.
Reproductive toxicity	No known significant effects or critical hazards.
Germ Cell Mutagenicity	No known significant effects or critical hazards.

Remarks..... The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure..... The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... May cause long-term adverse effects in the aquatic environment.

Persistence and degradability..... The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Bioaccumulative potential..... No data available.

Mobility in soil..... No data available.

Other adverse effects..... No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods

Waste disposal of substance..... Dispose of in accordance with national, state and local regulations.

Container disposal ..... Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14: TRANSPORT INFORMATION

TDG classification..... Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status..... This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

SECTION 16: OTHER INFORMATION

Disclaimer..... The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Prepared by: ..... CanChem Consultant

Preparation date.....JANUARY 1, 2018