SECTION 1 IDENTIFICATION

Product Trade Name: Max Pax
Recommended Use: Chlorinated Dish Machine Detergent
Restrictions on Use: For Industrial and Institutional use only
Manufacturer: Maxim Chemical International Ltd.
1305 Halifax Street, Regina, SK, S4R 1T9
306-347-0444
Emergency Phone Number: Canada: Canutec 613-996-6666

SECTION 2 HAZARD IDENTIFICATION

Physical Hazards: Corrosive to metals – Category 1
Oxidizing solids – Category 3
Health Hazards: Skin Corrosion/Irritation – Category 1A
Eye Damage/Irritation – Category 1
Acute Toxicity – Category 4 (oral)
STOT-SE – Category 3
Carcinogenicity – Category 2
Label Elements:

Signal Word: Danger
Hazard Statement: H272 May intensify fire; oxidizer
H290 May be corrosive to metals
H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H335 May cause respiratory irritation
H351 Suspected of causing cancer
Precautionary Statements:
Prevention: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 Keep away from clothing and other combustible materials.
P234 Keep only in original packaging.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands or affected area thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
Responses: P301 + P312 IF SWALLOWED: Call a Poison Center/doctor/physician if you feel unwell
P330 Rinse mouth.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363 Wash contaminated clothing before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 Immediately call a POISON CENTER/doctor/physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor/physician.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P321 Specific treatment (see supplemental first aid information on this label).
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol resistant foam to extinguish.
P390 Absorb spillage to prevent material damage.
Storage: P405 Store locked up.
P406 Store in a corrosion resistant container with a resistant inner liner.
Disposal: P501 Dispose of contents/container to an approved waste disposal plant in accordance with all local, provincial or federal regulations

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approx. Wt. %	CAS #
Sodium Hydroxide	10	1310-73-2
Sodium Carbonate	29	497-19-8
Sodium Metasilicate	20	6834-92-0
Trisodium Nitriloacetate	6	5064-31-3
Sodium Dichloroisocyanurate Dihydrate	3	51580-86-0

SECTION 4 FIRST AID MEASURES

Inhalation: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Immediately flush exposed area with plenty of water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

Eye Contact: Immediately flush with running water for at least 15 minutes, holding eyelids open during flushing. Remove contact lenses, if present and easy to do. If irritation persists, repeat flushing and obtain medical attention immediately.

Ingestion: Do not induce vomiting. If the victim is fully conscious, give plenty of clean water to drink to dilute product. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. Call a Physician.

If irritation occurs or persists, get medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media: Use water, dry powder

Flammability: Not flammable.

Flash Point: Not flammable.

Special Firefighting Procedures: Wear full protective equipment including a NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.

Unusual Fire / Explosion Hazards: Prolonged contact with metals may produce flammable/explosive hydrogen gas.

Hazardous Decomposition Products: Carbon oxides, nitrogen compounds, halogenated compounds, sodium oxides, corrosive vapors.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Protection Precautions: Do not release to the environment or water source.

Steps to Be Taken In Case Material Is Released or Spilled: Wear protective equipment including respiratory protection. Avoid dust formation. Sweep up and shovel material into an appropriate dry waste closed container. Keep material away from sewers. Reuse if possible, otherwise dispose recovered material in accordance with all local, provincial or federal regulations.

SECTION 7 HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storage: Use good industrial hygiene. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Keep out of reach of children Store at temperatures below 30°C (86°F).

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:
OSHA (PEL): N/A
ACGIH TLV: N/A
Other exposure limit: N/A
Appropriate Engineering Controls: Good general ventilation or local exhaust ventilation for dust generated in confined areas.
Individual Protection Measures / Personal Protective Equipment:
Gloves: Non-permeable chemically resistant gloves (rubber, nitrile).
Masks/Goggles: Use chemical goggles, safety glasses or face shield.
Respirator: Use NIOSH/MSHA approved dust respirator if product dust is generated.
Protective Clothing: Wear protective clothing to minimize skin contact
Other Protective Equipment: Eye wash, safety shower and full protective clothing recommended in the immediate work area.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder
Odor:	Faint chlorine odor.
Odor threshold:	N/A
pH:	12.0-13.0 (3.1% solution)
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	Not flammable
Evaporation Rate (Water=1):	N/A
Flammability:	Not flammable
Upper/Lower flammability or explosive limits:	None.
Vapor pressure:	N/A
Vapor density:	N/A
Relative density/Specific gravity (Water = 1):	N/A
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water :	N/A
Auto-ignition temperature :	Not flammable
Decomposition temperature:	N/A

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	Contact with acids will cause evolution of heat. Flammable hydrogen gas can be generated on prolonged contact of water solutions with sensitive metals (aluminum, brass, copper, lead, tin, zinc).
Materials to avoid:	Strong oxidizing agents, reducing agents, strong acids, metals, organic materials.
Conditions to avoid:	N/A
Incompatibility:	Strong acids, reducing agents.
Hazardous Decomposition Products:	Carbon oxides, nitrogen compounds, halogenated compounds, sodium oxides, corrosive vapors.

SECTION 11 TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin and eye contact, inhalation.
Symptoms:	Corrosive to eyes and skin. Harmful if inhaled. Harmful if ingested.
Acute Toxicity Estimates:	LD_{50} (oral) > 865 mg/kg; LD_{50} (dermal) > 2000 mg/kg
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH.

SECTION 12 ECOLOGICAL INFORMATION

N/A

SECTION 13 DISPOSAL CONSIDERATIONS

Recommended Waste Disposal Methods: Reuse if possible. Otherwise dispose recovered material in accordance with all local, provincial or federal regulations.

SECTION 14 TRANSPORT INFORMATION

Canadian TDG

UN Number:	1823
UN Proper Shipping Name :	Sodium Hydroxide, Solid, Mixture
Transport Hazard Class :	8
Packing Group :	II

SECTION 15 REGULATORY INFORMATION

All components of this product are listed on DSL/NDSL.
All pertinent hazard information has been provided in this SDS, as per the requirements of the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).

SECTION 16 OTHER INFORMATION

Acronym List:

ACGIH	American Conference of Governmental Industrial Hygienists
CFR	Code of Federal Regulations
DSL/NDSL	Domestic Substances List/Non-Domestic Substances List
IARC	International Agency for Research on Cancer
MSHA	Mine Safety and Health Administration
N/A	Not Available
NIOSH	The National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
UN	United Nations
WHMIS	Workplace Hazardous Materials Information System

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Maxim Chemical International Ltd.** will accept no liability for damages or loss incurred from the improper handling and use of this product.
The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.

PREPARED BY: Technical Service/Regulatory Division LAST UPDATE: June 24, 2017