

SECTION 1 IDENTIFICATION

Product Trade Name: Max 8
Recommended Use: Powdered bleach
Restrictions on Use: For Industrial and Institutional use only
Manufacturer: Maxim Chemical International Inc.
 1607 Derwent Way, Delta, B.C. Canada V3M 6K8
 (800) 663-9925
Emergency Phone Number/ 24-Hour Number: Canada: Canutec 613-996-6666
 U.S.A.: Chemtrec 800-424-9300

SECTION 2 HAZARD IDENTIFICATION

Physical Hazards: NONE
Health Hazards: EYE DAMAGE/IRRITATION - Category 2
 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

Label Elements:



Signal Word: Warning
Hazard Statement: H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Precautionary Statements

Prevention: P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 Wash hands or affected area thoroughly after handling.
 P271 Use only outdoors or in a well ventilated area.
 P280 Wear protective eye protection/face protection.
Responses: P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTER/doctor if you fell unwell.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up
Disposal: P501 Dispose of contents/container to an approved waste disposal plant. Dispose content/material in accordance with all local, provincial or federal regulations.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approx. Wt. %	CAS Number
Sodium Dichloroisocyanurate, Dihydrate	10-30	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 occurs, or if contact has been prolonged, obtain medical attention.
Eye Contact: Immediately flush with warm 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

Max 8

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:	If the product becomes wet or contaminated in a container, the formation of nitrogen trichloride gas may occur and an explosive condition may exist
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides, sodium oxides, halogenated compounds.

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. Avoid dust formation. Avoid breathing dust. Sweep up material and dispose into an appropriate waste 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 gloves (rubber, nitrile) recommended.
Masks/Goggles: Use chemical goggles, safety glasses or face shield if eye contact may occur.
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:	6.0–7.0 (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:	None under recommended use conditions.
Conditions to avoid:	Excess heat and moisture. Prevent dust accumulation and avoid all possible sources of ignition including electrostatic discharges.
Incompatibility:	Flammable and combustible organic materials, oxidizing agents, reducing agents, acids, alkalis.
Hazardous Decomposition Products:	Carbon oxides, nitrogen oxides, sodium oxides, halogenated compounds.

SECTION 11 TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin and eye contact, inhalation.
Symptoms:	Causes serious eyes irritation and skin irritation. May cause irritation of the respiratory tract.
Acute Toxicity Estimates:	LD ₅₀ (oral) > 2000 mg/kg; LD ₅₀ (dermal) > 2000 mg/kg;
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity of Sodium Dichloroisocyanurate Dihydrate:
 LC₅₀, (Rainbow Trout) = 0.22 mg/l (96 hour)
 LC₅₀, (Bluegill sunfish) = 0.28 mg/l (96 hour)
 LC₅₀ (Daphnia magna) = 0.20 mg/l (48 hour)

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:	Not Regulated
UN Proper Shipping Name:	Not Regulated
Transport Hazard Class:	Not Regulated
Packing Group:	Not Regulated

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
STOT - SE	Specific Target Organ Toxicity - Single Exposure
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
UN	United Nations

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 Inc.** 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

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