SAFETY DATA SHEET
420 CLEAR

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name: **420 CLEAR**

Company Identification:
Mega-Lab Manufacturing Co. Ltd.
3-25 Planchet Road
Concord, ON, Canada L4K 2C5

H	0
F	0
R	0
PE	None

PHONE NUMBERS:

Product Information 905-532-9000

Emergency **905-532-9000 Mon. to Fri. 8:30am - 4:00pm**

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	WT %
Chlorine Dioxide (stabilized).....	10049-04-4	0.200
Water	7732-18-5	99.76%
Inert Ingredients	Mixture	0.040%
TOTAL		100.00%

At these concentrations none of the ingredients are known to pose any hazards to human health.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Colorless liquid with mild fresh odor. Avoid contact with eyes. Keep out of reach of children

HMIS Rating:
Health: 0 **Flammability:** 0 **Reactivity:** 0 **PPE:** None

Potential Health Effects
Eye Contact: Eye contact may cause mild eye irritation with discomfort
Skin Contact: Does NOT cause skin irritation and the product is NOT a skin sensitizer
Inhalation: Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restrictive ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area
Ingestion: EPA Level IV Toxicity Level Registration (Lowest level)

Carcinogenic Information
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, and ACGIH as carcinogens

SECTION 4: FIRST AID MEASURES

Inhalation
Does NOT cause any respiratory irritation. If Consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.
Skin Contact
Does NOT cause skin irritation. In case of contact, flush skin with plenty of water
Eye Contact
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes
Ingestion
Give large amounts of water and consult a physician

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:
Flash Point: Not Applicable (Non Flammable) **Burn Rate:** Unknown

Flammable Limits:
Lower Flammable Limit: Not Established **Upper Flammable Limits:** Not Established

Flammability Classification: Non-Flammable Liquid
Autoignition Temperature: Not Established

Hazardous Combustion Products: Thermal or other decomposition may yield chlorine dioxide or chlorine
Extinguishing Media: N/A (Non-Flammable liquid)
Additional Considerations: None
FIRE FIGHTING INSTRUCTIONS Non-Flammable Liquid

NFPA RATING:
Health: 0 **Flammability:** 0 **Reactivity:** 0 **Other Hazards:** 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Clean-Up
No special clean-up measures are required for the consumer product. To avoid the possibility of discoloring the spill should be absorbed with paper towels, and the area rinsed with clean water

Accidental Release Measures
Spills are very slippery and should be cleaned up promptly

SECTION 7: HANDLING AND STORAGE

Handling: Keep away from heat and strong acids. Do not ingest. Keep container closed. Use only with adequate ventilation.

Storage: Keep container tightly closed and sealed until ready for use. Keep container in a well-ventilated place. Do not store above 120° F or near fire of open flame. Store large quantities buildings to comply with OSHA 1910.106. Do not transfer contents of bottles or other unlabeled containers. Do not reuse empty containers. Keep out of reach of children.

Incompatible materials: Strong Acids
Special Packaging Materials: None

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls
Use in adequately ventilated areas
Personal Protective Equipment
Eye / Face Protection: Not required for consumer product
Skin Protection: Not required for consumer product
Respirators: None required for normal use. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

Exposure Limits:
Chlorine Dioxide (Stabilized):
PEL (OSHA): Not Available
TLV (ACGIH): Not Available
Water:
PEL (OSHA): Not Available
TLV (ACGIH): Not Available
Inert Ingredients:
PEL (OSHA): Not Available
TLV (ACGIH): Not Available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless Liquid
Odor:	Mild Fresh
Physical State:	Liquid
pH:	Approximately 8.5
Boiling Point (°F):	212
Melting Point (°F):	Not Applicable
Freezing Point (°F):	< 32
Solubility in Water:	100%
Vapor Pressure (mm Hg):	Not Available
Vapor Density:	Not Available
Volatile Organic Compounds (VOC):	None
Evaporation Rate:	Less than Ether
Specific Gravity:	1.003@68°F (20°C)
Density (lb/gal):	8.40 @ 68°F (20°C)
Viscosity (cP):	0.90 @ 77°F (25°C)

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: The product is stable
Incompatibility with other Materials: Strong acids
Conditions to avoid: Contact with sting acids
Hazardous Decomposition Products: Thermal or other decomposition may yield chlorine dioxide or chlorine
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY TESTING – ACUTE **Inhalation** – Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of NokOut at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations. **Eye Contact** – Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild conjunctival irritation was observed, but cleared within 72 hours. **Skin Contact** – Study of dermal toxicity in New Zealand white rabbits showed the product to be non-toxic: Dermal LD_{50}> 5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, NokOut was determined not to be a sensitizer. **Swallowing** - Acute oral toxicity in albino rats: Non-toxic LD_{50}>5,000 mg/kg of body weight.

EPA TOXICITY RATING - IV: This is the lowest category on the scale and is designed for substances that are the least hazardous.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Hazards: No data available
Environmental Fate: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Treatment, storage, transportation, and disposal must be accordance with applicable Federal, State/Provincial and Local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name:	Not regulated for air, ground, or ocean shipments
Hazards Class:	N/A
Subsidiary Hazard Class:	N/A
I.D. No. (UN/NA):	N/A
Packing Group:	N/A
Special Information:	None
DOT Label(s):	None

IMO / IMDG

Proper Shipping Name:	Not regulated for air, ground, or ocean shipments
Hazards Class:	N/A
Subsidiary Hazard Class:	N/A
I.D. No. (UN/NA):	N/A
Packing Group:	N/A
Marine Pollutant:	No
Special Information:	None

IATA / ICAO

Proper Shipping Name:	Not regulated for air, ground, or ocean shipments
Hazards Class:	N/A
Subsidiary Hazard Class:	N/A
I.D. No. (UN/NA):	N/A

SECTION 15: REGULATION INFORMATION

U.S. Federal Regulations:

TSCA: All components appear in TSCA Inventory
OSHA: Refer to Section 8 for exposure limits
CERCLA SARA HAZARD CATEGORY:

Section 311 and 312: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under the application definitions, to meet the following categories: None

Section 313: This product contains following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None

State regulations:
State Right to know information is not provided
California prop. 65 (no significant risk level): None

International Regulations:
Canadian WHMIS: Not Controlled

Canadian Environmental Protection Act (CEPA): Additional information available upon request

EU regulations:	Risk Phrases	R36- Irritating to the eyes(Prolonged contact only)
	Safety Phrases:	S2- Keep out of reach of children
		S25- Avoid contact with eyes

EINECS: Additional information available upon request. All components are listed on EINECS

SECTION 16: OTHER INFORMATION

The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Mega-Lab Manufacturing Co. Ltd. The Data on this sheet related only to the specific material designed herein. Mega-Lab Manufacturing Co. Ltd. assumes no legal responsibility for the use or reliance on this data.

END OF SDS