MAGCLEAN 7010

SAFETY DATA SHEET

1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION

PRODUCT NAME	:	MAGCLEAN 7010
DISTRIBUTOR	:	Crevier Group, 2320, rue de la Métropole, Longueuil (Quebec) J4G 1E6 | crevier.ca
		450-679-8866
MANUFACTURER	:	Magnus Chemicals Ltd, 1271, Ampère, Boucherville QC, J4B 5Z5, 450-655-1344
EMERGENCY NUMBER	:	Quebec poison control centre: 1 -800 -463 -5060
	:	CANUTEC: (613) 996 -6666 (24 hours)
USE OF THE PREPARATION	:	Antiseptic skin cleanser NPN 80097980. Ethanol sanitizer 70%. Topical gel.

2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

FLAMMABLE LIQUIDS - Category 2

LABEL ELEMENTS : This product has been classified and labeled according to the WHIMIS 2015 (GHS).

Hazard Pictograms: :

Signal Word : Danger

Hazard Statements

: H225 - Highly flammable liquid and vapour.

: H319 - Causes serious eye irritation.

Precautionary statements

Prevention

: P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

: P233 - Keep container tightly closed.

: P240 - Ground/bond container and receiving equipment.

: P241 - Use explosion-proof equipment.

: P242 - Use only non-sparking tools.

: P243 - Take precautionary measures against static discharge.

: P280 - Wear protective clothing/eye protection/face protection.

Intervention

: P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

: 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.
	:	P370+P378 - In case of fire: Use the following extinguishing media: Carbon dioxide, dry chemical, foam, water spray.
Storage	:	P403+P235 - Store in a well-ventilated place. Keep cool.
Disposal	:	P501 - Dispose of contents/container in accordance with applicable laws and regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	CONCENTRATION (Weight)
Ethanol	64-17-5	65-85

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.
Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. FIRST AID MEASURES

FIRST-AID MEASURES AFTER EYE CONTACT : Check for and remove contact lenses after the first 15 minutes of flushing, then continue flushing for 15 minutes. If an irritation persists, consult a physician. Hold open eyelids and roll the eyes while flushing.

FIRST-AID MEASURES AFTER SKIN CONTACT : If an irritation or a discomfort persists, consult a physician. Wash affected areas with soap and plenty of water.

FIRST-AID MEASURES AFTER INHALATION : Remove to fresh air. Seek immediate medical attention if breathing difficulties.

FIRST-AID MEASURES AFTER INGESTION : Contact a physician or a poison-control center. DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Rinse mouth with water. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.

OTHER FIRST AID : Consult a physician

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media : Carbon dioxide, dry chemical, foam, water spray.

Inappropriate Extinguishing Media : Do not use a strong spray of water.

FIRE FIGHTING

Unusual Fire Hazards	:	This product may be sensitive to static discharge. In case of a fire, cool containers with large amounts of water. Burning liquid may float on water. Closed containers exposed to heat may burst. Vapors may cause fires. Vapors may accumulate to form an explosive mixture with air. Vapors are heavier than air and may travel on the ground to reach an ignition source, causing a flash-back fire danger.
Hazardous combustion products	:	Formaldehyde. Nitrogen oxides. Carbon oxides.
Advice for firefighters	:	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. Use water spray to cool fire exposed containers.

6. ACCIDENTAL RELEASE MEASURES

SAFETY PRECAUTIONS:

Practice good industrial hygiene when handling this product.

Use appropriate personal protective equipment.

Avoid all contact with eyes, skin and clothing. Use work clothes or full body suit (antistatic).

Avoid breathing overspray and vapors/mists/fogs.

Evacuate spill area ventilate properly.

Consult safety measures listed under sections 7 and 8.

ENVIRONMENTAL SAFETY PRECAUTIONS AND CLEANING METHODS:

Remove ignition sources and avoid static charges accumulation.

Ensure appropriate ventilation.

Contain spill or leak if it can be done without risk.

Do not allow to enter soil, drains, streams and groundwater.

Absorb spill with a non-flammable commercial absorbent (earth, sand, vermiculite).

Use non-sparking and grounded tools/equipments.

In case of a large spill, pump product for recovery and disposal.

Pick up and put in suitable and identified container for disposal.

Wash area with water.

7. HANDLING AND STORAGE

HANDLING:

Practice good industrial hygiene when handling this product.

Open and handle the container with care.

Avoid all contact with eyes and clothing.

Avoid static charges accumulation and ground container.

Use non-sparking tools/equipments.

Use under adequate ventilation.

STORAGE:

Keep away from incompatible materials.

Keep the container tightly closed in a cool and well ventilated area.
Keep away from heat, sparks, flames, ignition sources and direct sunlight.
Ground container. Avoid the accumulation of electrostatic charges.
Use an explosion proof ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Ethanol (64-17-5)		
LIMIT/STANDARD	**VALUE**	**SOURCE**
TWA	1000 ppm	SUPPLIER
STEL	Not available.	SUPPLIER

APPROPRIATE ENGINEERING CONTROL:

The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

Control measures to consider: General or local exhaust extraction able to maintain emissions below exposure limits. If ventilation is insufficient, wear an approved breathing apparatus. Ventilation should be explosion proof.

PERSONAL PROTECTION:

Hand protection	:	Not normally necessary.
Eye protection	:	Safety glasses and face-shield. If discomfort is experienced, use a full-face mask.
Respiratory protective equipment	:	Determine required respiratory equipments after evaluating the specific conditions and hazards in the workplace. If exposure limits are exceeded, use an approved respirator.
Other protections	:	Boots and apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Colourless, viscous liquid
ODOUR	:	Alcohol
ODOUR THRESHOLD	:	Not available.
pH	:	Not applicable.
MELTING POINT/FREEZING POINT (°C)	:	< 0
INITIAL BOILING POINT/BOILING RANGE (°C)	:	≥ 78
FLASH POINT (°C)	:	< 23
EVAPORATION RATE	:	> 1
CONDITIONS OF FLAMMABILITY	:	Temperature higher than flash point with an ignition source.
LOWER FLAMMABLE/EXPLOSIVE LIMIT (%)	:	Not available.
UPPER FLAMMABLE/EXPLOSIVE LIMIT (%)	:	Not available.
VAPOUR PRESSURE (KPA)	:	Not available.
VAPOUR DENSITY	:	> 1 (air = 1)
RELATIVE DENSITY	:	0.845-0.885

SOLUBILITY	:	Soluble
PARTITION COEFFICIENT - N-OCTANOL/WATER	:	Not available.
AUTO-IGNITION TEMPERATURE (°C)	:	Not available.
DECOMPOSITION TEMPERATURE	:	Not available.
VISCOSITY (MM2/S (CST) AT 40°C)	:	115
VOC CONTENT	:	Not available.

10. STABILITY AND REACTIVITY

REACTIVITY	:	Not available.
CHEMICAL STABILITY	:	Stable under the recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	:	Vapors can form an explosive mixture with air.
CONDITIONS TO AVOID	:	Excessive heat, sparks, open flames and all other sources of ignition.
INCOMPATIBLE MATERIALS	:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS	:	Formaldehyde. Carbon oxides.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Ethanol (64-17-5)		
LD50 Oral (Rat) mg/kg	:	15010
LD50 Dermal (Rabbit) mg/kg	:	17100
LC50 Inhalation (Rat)	:	Not available.

ROUTE OF ENTRY (EXPOSURE): : Skin absorption. Eye contact. Inhalation

EFFECTS OF ACUTE EXPOSURE

Eye contact	:	Swelling of the conjunctiva. Irritation. Redness.
Skin contact	:	Dryness. Possibility of dermatitis. Possibility of a slight Irritation. Redness.
Inhalation	:	Possibility of an irritation of the respiratory tract.
Ingestion	:	Loss of coordination. Gastric discomfort. Nausea. Drowsiness. Dizziness. Vomiting.

EFFECTS OF CHRONIC EXPOSURE

Carcinogenicity	:	Not available.
Reproductive toxicity	:	Not available.
Teratogenicity	:	Not available.
Mutagenicity	:	Not available.

Sensitization	:	Not available.
Synergistic products	:	Not available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY :

Ethanol (64-17-5)		
LC50 (Fish)	**:**	>100(4ds) (Species: Pimephales promelas)
EC50 (Other aquatic organisms)	**:**	675(4joursEC50) (Species: Chlorella vulgaris)
EC50 (Daphnia)	**:**	5012(48h) (Species: Ceriodaphnia dubia)

PERSISTENCE AND DEGRADABILITY

Ethanol (64-17-5)

Readily biodegradable.

BIOACCUMULATIVE POTENTIAL

Ethanol (64-17-5)

Not available.

MOBILITY IN SOIL

Ethanol (64-17-5)

Not available.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regulations Do not allow to enter ground water, sewage or drains

14. TRANSPORT INFORMATION

IN ACCORDANCE WITH TDG

Regulated (TDG, IATA, IMDG)

UN NUMBER	:	UN1987
HAZARD CLASS&DIVISION	:	3
PACKAGING GROUP	:	II
DESCRIPTION	:	ALCOHOLS, N.O.S

(ethanol)

15. REGULATORY INFORMATION

NATIONAL REGULATIONS:

WHIMIS 2015: This product has been classified in accordance with the hazard criteria established by Hazardous Products Act and the SDS contains all information required by the HPA.

DSL: All components of this material are either on the Canadian Domestic Substances List (DSL), or exempt

TSCA Status : All chemical substances found in this product are either listed on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

The opinions expressed herein are those of qualified experts within the supplier. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of the product are not within the control of the supplier, it is the user's obligation to determine the conditions of safe use of the product.

ACRONYMS/ABBREVIATION

HPA	:	Hazardous Products Act
DSL	:	Canadian Domestic Substances Lis
TSCA	:	Toxic Substances Control Act
GHS	:	Globally Harmonized System

OTHER TOXICOLOGICAL INFORMATIONS

PREPARATION	:	Supplier Technical Departement
DATE OF PREPARATION	:	2020/03/23
DATE OF REVISION	:	2020/05/26
TEL	:	450-679-8866
FAX	:	450-679-5818
CODE	:	24316-43410

END OF THE SDS