

**SAFETY DATA SHEET****SECTION I - PRODUCT IDENTIFICATION**

**Product Identifier:** Magna M-100  
**Other means of identification:** Hard Surface Cleaner  
**Recommended use:** Cleaning and degreasing of parts and equipment  
**Manufacturer's Name:** Magna Chemical Canada Inc.  
**Address:** 1450 Government Road West, Kirkland Lake ON P2N 2E9  
**Phone:** 705 642 3352 or 416 479 9151  
**Emergency Only:** Canutec 24hr Tel: 613 996 6666  
**Revision date:** 15 January 2019

**SECTION II – HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

Acute Toxicity, Oral: Category 4  
 Skin Corrosion/irritation: Category 2  
 Serious Eye damage/irritation: Category 2A

**GHS LABEL ELEMENTS SYMBOL(S)**

**SIGNAL WORDS:** Warning

**GHS HAZARDS STATEMENTS:**

H302: Harmful if swallowed  
 H315: Causes skin irritation  
 H319: Causes serious eye irritation

**GHS PRECAUTIONARY STATEMENTS:****PREVENTION**

P264: Wash your hands and face thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P280: Wear protective gloves/protective clothing/ eye protection/ face protection.

**RESPONSE:**

P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor or physician if you feel unwell.  
 P330: Rinse mouth.  
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
 P321: Specific treatment (see on this label).  
 P332 + P313: If skin irritation occurs: Get medical advice/ attention.  
 P362: Take off contaminated clothing and wash before reuse  
 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.

**DISPOSAL:**

P501: Dispose of contents/ containers in accordance with local regulations.

**SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient Name:</b>	<b>Weight %:</b>	<b>CAS#</b>
Sodium Hydroxide	0-5	1310-73-2
2 Butoxy Ethanol	0-5	111-76-2
Sodium Metasilicate	0-3	6834-92-0
Non-ionic Surfactant	0-3	127087-87-0

## SECTION IV – FIRST AID MEASURES

### Inhalation

Remove person to an uncontaminated area. Administer oxygen if necessary. If breathing has stopped, administer CPR.

### Skin Contact

Remove contaminated clothing. Wash affected area with water. If irritation persists, call physician.

### Eye Contact

Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. Consult physician immediately.

### Ingestion

DO NOT INDUCE VOMITING. Get immediate medical attention.

## SECTION V – FIRE FIGHTING MEASURES

### Suitable Fire-extinguishing media

Foam (alcohol-resistant foam), powder, and carbon dioxide are effective fire-extinguishing agents.

### Specific hazards arising from the chemical

Product is noncombustible. Water Spray (Fog); Dry Chemical; or Foam may be used where product is stored.

### Special protective actions for fire fighters

Firemen should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with spilled or released material. Immediately remove all contaminated clothing. For guidance of selection of personal protective equipments see Chapter 8 of this Safety Data Sheet.

### Environmental Precautions

Prevent spills from entering drains or sewers and contact with soil.

### Methods and materials for contaminated and cleaning up

For small spills, carefully flush with water. For large spills, contain spills. Do not touch or walk through spilled material. Dike ahead of large spills to prevent run-off. Mop, pump or absorb onto suitable absorbent and place in container for reuse, recycle or proper disposal. Flush area with water to eliminate residues.

## SECTION VII – HANDLING AND STORAGE

### Precautions for safe handling

Do not swallow. Avoid eyes and skin contact. Wear recommended protective equipment. Use only with adequate ventilation. Wash thoroughly after handling material.

### Conditions for safe storage, including any incompatibilities

Keep container tightly closed when not in use. Store in dry, cool, well-ventilated area away from incompatibles.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

#### Sodium Hydroxide

NIOSH C 2 mg/m<sup>3</sup>

OSHA PEL TWA 2 mg/m<sup>3</sup>

#### 2-Butoxyethanol

NIOSH REL: TWA 5 ppm (24 mg/m<sup>3</sup>) [skin]

OSHA PEL†: TWA 50 ppm (240 mg/m<sup>3</sup>) [skin]

### Appropriate engineering control measure

Under normal applications, general ventilation is adequate.

### Individual protection measure

#### Protective Gloves

Neoprene/ PVC gloves.

**Eye Protection**

Safety glasses with side shields are recommended.

**Respiratory Protection**

Not required under normal use conditions with good general ventilation. Protect against generated mist/ spray back.

**Hygienic Work Practices**

Wash hand after use. Do not eat, drink or smoke in immediate area.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance Physical State</b>	Liquid
<b>Color</b>	Yellow
<b>Odour</b>	Bland
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	13±0.5
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Approx 0°C
<b>Boiling Point</b>	Approx 100°C
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Similar to water
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper explosive limit</b>	Not applicable
<b>Lower explosive limit</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Relative Density</b>	1.04 g/cm <sup>3</sup> ± 0.05
<b>Solubility</b>	Completely soluble in water
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Viscosity</b>	Free Flowing Liquid
<b>Auto-ignition Temperature</b>	Not applicable

## SECTION X – STABILITY & REACTIVITY

**Reactivity/Incompatible materials**

React with strong acid and oxidizing materials.

**Chemical stability**

Stable under normal temperature and pressure.

**Possible of hazardous reaction**

Data not available.

**Conditions to avoid**

Heat, contact with incompatible materials, open flame.

**Hazardous decomposition products**

Burning may produce oxide of carbons and other substances.

## SECTION XI – TOXICOLOGICAL INFORMATION

**Acute Oral LD 50**

Sodium Hydroxide: 40 mg/kg (Intraperitoneal-Mouse)  
 LDLo: 500 mg/kg (Oral-Rabbit, adult)  
 2-Butoxyethanol: 530-3000 mg/kg (Rat)

**PRIMARY ROUTES OF EXPOSURE**

☒ eye    ☒ skin    ☒ oral    ☐ inhalation    ☐ other

**Eyes:** Contact with the eyes may give rise to irritation and stinging. No permanent damage if treated immediately.

**Skin:** Exposure to the skin may give rise to irritation. Prolonged and persistent contact may lead to dermatitis through skin de-fatting.

**Inhalation:** Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.

**Ingestion:** Swallowing of small amounts not likely to cause serious discomfort. Swallowing of significant quantities may cause irritation of mouth and digestive tract, vomiting and diarrhoea.

Long-term toxicity: None of the components are listed as CMR\* (\*Carcinogenic, mutagenic or reproductive toxin).

## SECTION XII – ECOLOGICAL INFORMATION

**Eco-toxicity:** There is no data available on the product itself.

**Mobility:** The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. Avoid transfer into the environment.

**Persistence and Degradability:** There is no persistence or degradation data for any component of this product at this time.

**Bio-accumulative Potential:** Not expected to bio-accumulate.

## SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with existing Federal, State and local environmental regulation.

## SECTION XIV – TRANSPORT INFORMATION

<b>Proper Shipping Name</b>	Mixture of alkaline degreaser
<b>IMO Class</b>	N.A.
<b>Hazard Label (S)</b>	Not Regulated
<b>UN OR ID Number</b>	N.A.
<b>MPA Group</b>	N.A.

## SECTION XV – REGULATORY INFORMATION

No information available for this product.

## SECTION XVI – OTHER INFORMATION

**H.M.I.S rating:** Health - 2, Fire - 0, Reactivity - 1, Protection - B

Where

0 = Insignificant

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

A = Safety Glass

B = Safety Glass & Gloves

C = Safety Glass, Gloves & Apron

D = Face Shield, Gloves & Apron

Replaces edition of: 10 March 2016

**H.M.I.S:** Hazardous Materials Identification System

**CAS#:** Chemical Abstracts Service Number

**ACGIH:** American Conference of Governmental Industrial Hygienists

**OSHA:** Occupational Safety and Health Administration

**TLV:** Threshold Limit Value

**PEL:** Permissible Exposure Limit

**REL:** recommended exposure limit

**TWA8:** The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

**N.A:** Not applicable

**N/E:** Not establish

**N.D:** Not determine

**C:** Ceiling (The concentration that should not be exceeded during any part of the working exposure).

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