SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Identifier: Magna 106
Other means of identification: Magna Alkaline Degreaser
Recommended use: Cleaning and degreasing
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 CLASSFICATION:
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:
PREVENTION
H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
GHS PRECAUTIONARY STATEMENTS:
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.

SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name:	Weight %:	CAS#
Sodium Hydroxide	0-1.5	1310-73-2
2 Butoxy Ethanol	0-5	111-76-2
Sodium Metalsilicate	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^3

OSHA PEL TWA 2 mg/m^3

2-Butoxyethanol

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

OSHA PEL†: TWA 50 ppm (240 mg/m^3) [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

Appearance Physical State	Liquid
Color	Green
Odour	Bland
Odour Threshold	Not applicable
pH	13±0.5
Melting Point	Not applicable
Freezing Point	Approx 0°C
Boiling Point	Approx 100°C
Flash Point	Not applicable
Evaporation Rate	Similar to water
Flammability (solid, gas)	Not applicable
Upper explosive limit	Not applicable
Lower explosive limit	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	1.04 g/cm^3 ± 0.05
Solubility	Completely soluble in water
Partition coefficient: n-octanol/water	Not applicable
Viscosity	Free Flowing Liquid
Auto-ignition Temperature	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	**Acute Dermal LD 50**	**Acute Inhalation LC 50**
Sodium Hydroxide	40 mg/kg (Intraperitoneal-Mouse) LDLo: 500 mg/kg (Oral-Rabbit, adult)	N/E	N/E
2-Butoxyethanol	LD50, Rat, male 1,746 mg/kg LD50, Guinea pig 1,400 mg/kg	LD50, Guinea pig > 2,000 mg/kg	LC50, 4 h, Vapour, Rat 2.2 mg/l

PRIMARY ROUTES OF EXPOSURE

[X] eye [X] skin [X] 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

Proper Shipping Name	Mixture of alkaline degreaser
IMO Class	N.A.
UN OR ID Number	N.A.
MPA Group	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).