SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Identifier:	Vappro OLFC
Other means of identification:	On Line Fuel Cleaner
Recommended use:	Highly effective cleaner and degreaser powder
Supplier'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 2/2A

GHS LABEL ELEMENTS SYMBOL(S)

SIGNAL WORDS:
Warning

GHS HAZARDS STATEMENTS:
H315: Causes skin irritation.
H319: Causes serious eye irritation.

GHS PRECAUTIONARY STATEMENTS:
PREVENTION
P264: Wash your hands and face thoroughly after handling.
P280: Wear protective gloves/protective clothing/ eye protection/ face protection.

RESPONSE:
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#
Proprietary mixture	100	mixture

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 soap and plenty of 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

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

Specific hazards arising from the chemical

Product itself 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 dust formation. Avoid breathing vapors, mist or gas. 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:

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	Powder
Color	Bluish- green
Odour	Odourless
Odour Threshold	Not applicable
pH	10±1 (1% solution)
Melting Point	>100°C
Freezing Point	Not applicable
Boiling Point	Not determined
Flash Point	Not applicable
Evaporation Rate	Not applicable
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	Not determined
Solubility in water	Soluble
Partition coefficient: n-octanol/water	Not applicable
Viscosity	Not applicable
Auto-ignition Temperature	Not applicable

SECTION X – STABILITY & REACTIVITY

Reactivity/Incompatible materials
React with metal and alkalis.
Chemical stability
Stable under normal temperature and pressure.
Possible of hazardous reaction
Data not available.
Conditions to avoid
Data not available.
Hazardous decomposition products
Burning may produce oxide of carbons and other substances.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral – Acute: 300 mg/kg (rat)
LD50 Dermal - >2000 mg/kg (rat)

Mutagenicity
No data available

Carcinogenicity
No data available.

Teratogenic:
No data available.

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Potential health effects
Skin: Causes skin irritation. May cause skin burns. It may cause and itching allergic eczema.
Eyes: Causes eye irritation. May cause eye burns. It may cause conjunctivitis, corneal discoloration, ulceration and turbidity of the cornea.
Inhalation: Causes respiratory tract (nose, throat, and lung) irritation with coughing and wheezing. May cause ulceration and perforation of the nasal septum if inhaled in excessive quantities.

SECTION XII – ECOLOGICAL INFORMATION

Eco-toxicity: Ecotoxicity in water (LC50): 0.1 ppm 48 hours [Goldfish]. 0.1 mg/l 96 hours [Rainbow Trout].
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	N.A.
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	A = Safety Glass
2 = Moderate	B = Safety Glass & Gloves
3 = Serious	C = Safety Glass, Gloves & Apron
4 = Severe	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).