

## SAFETY DATA SHEET

### 01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Algae Oil – 40% DHA
SUPPLIER NAME:	Soap and More The Learning Centre Inc.
SUPPLIER ADDRESS:	3830 - 7 St. SE Calgary Alberta T2G 2Y8 Canada
TELEPHONE NUMBER:	(403) 217-2346
RECOMMENDED USE:	For manufacturing and repackaging use only
EMERGENCY TELEPHONE NUMBER:	Chemtrec 1-800-424-9300 (24 hours)

### 02. HAZARD IDENTIFICATION

CLASSIFICATION OF PRODUCT:	No need for classification according to GHS criteria for this product.
LABEL ELEMENTS:	The product does not require a hazard warning label in accordance with GHS criteria.
HAZARDS NOT OTHERWISE CLASSIFIED:	Mop up spills with non-flammable adsorbents (e.g. vermiculite, spill mats). Soiled textiles/cleaning rags/adsorbents and Silica are capable of self ignition and should be wetted with water and must be disposed of in a safe manner. High risk of slipping due to leakage/spillage of product. The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200, this product does not contain any components classified for health hazards above the relevant cut off value.

### 04. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES	
GENERAL ADVICE:	Remove contaminated clothing.
IF INHALED:	If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical.
IF ON SKIN:	Wash thoroughly with soap and water.
IF IN EYES:	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
IF SWALLOWED:	Rinse mouth and then drink plenty of water.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	
SYMPTOMS:	No significant reaction of the human body to the product known.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:	
TREATMENT:	Symptomatic treatment (decontamination, vital functions)

## 05. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Water spray, dry powder, alcohol-resistant foam, carbon dioxide

UNSUITABLE EXTINGUISHING MEDIA:

Water jet

SPECIAL HAZARDS DURING FIRE-FIGHTING:

2-propenal, carbon monoxide, carbon dioxide. The substances/groups of substances mentioned can be released in case of fire. Evolution of fumes/fog. Burning produces harmful and toxic fumes.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING:

Wear a self-contained breathing apparatus.

FURTHER INFORMATION:

In case of combustion evolution of toxic gases/vapors possible. Cool endangered containers with water-spray. Do not spray water directly on fire, product will float and could be reignited on surface of water. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT:

Use personal protective clothing. Information regarding personal protective measures see, section 8.

ENVIRONMENTAL PRECAUTIONS:

Do not discharge into drains/surface waters/ground waters.

METHODS AND MATERIAL FOR CONTAINMENT/CLEANING UP:

Mop up spills with non-flammable adsorbents (e.g. vermiculite, spill mates). Soiled textiles/cleaning rags/adsorbents and Silica are capable of self ignition and should be wetted with water and must be disposed of in a safe manner. Dispose of absorbed material in accordance with regulations.

FURTHER MEASURES:

High risk of slipping due to leakage/spillage of product.

## 07. HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING:

No special measures necessary provided product is used correctly.

PROTECTION AGAINST FIRE AND EXPLOSION:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame. Soiled textiles/cleaning rags/adsorbents and Silica are capable of self ignition and should be wetted with water and must be disposed of in a safe manner.

CONDITIONS FOR SAFE STORAGE:

SUITABLE MATERIALS FOR CONTAINERS:

Glass, stove-lacquer R 78433, Aluminium

FURTHER INFORMATION ON STORAGE CONDITIONS:

Keep only in the original container. Keep container tightly closed and dry; store in a cool place. Keep away from heat. Protect contents from the effects of light. Keep under nitrogen.



## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

No occupational exposure limits known.

### PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

HAND PROTECTION:

EYE PROTECTION:

BODY PROTECTION:

GENERAL SAFETY/HYGIENE MEASURES:

Respiratory protection in case of vapor/aerosol release. Wear impermeable chemical resistant protective gloves.

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

Body protection must be chosen based on level of activity and exposure.

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

## 09. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL FORM:

COLOR:

ODOR:

ODOR THRESHOLD:

pH value:

FREEZING RANGE:

DECOMPOSITION POINT:

FLASH POINT:

FLAMMABILITY:

LOWER EXPLOSION LIMIT:

UPPER EXPLOSION LIMIT:

AUTOIGNITION:

VAPOR PRESSURE:

DENSITY:

VAPOR DENSITY:

PARTITIONING COEFFICIENT NOCTANOL/WATER (log Pow):

THERMAL DECOMPOSITION:

VISCOSITY, DYNAMIC:

SOLUBILITY IN WATER:

SOLUBILITY (qualitative):

EVAPORATION RATE:

Liquid

Yellow to orange

Of vegetable oils

No data available.

5-7 (DGF-H-III)

(5%(M), 20°C)

No data available

> 350°C

(1,013 hPa)

> 250°C (closed cup)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Hardly combustible

For liquids not relevant for classification and labelling.

For liquids not relevant for classification and labelling.

> 300°C

Literature data.

8 hPa

(20°C)

0.92 – 0.95 g/cm<sup>3</sup>

(20°C)

not applicable

not applicable for mixtures

> 350°C

No data available.

immiscible

miscible in all proportions solvent(s): oils

not applicable



## 10. STABILITY & REACTIVITY

### REACTIVITY:

CORROSION TO METALS:

OXIDIZING PROPERTIES:

FORMATION OF FLAMMABLE GASES:

CHEMICAL STABILITY:

POSSIBILITY OF HAZARDOUS REACTIONS:

CONDITIONS TO AVOID:

INCOMPATIBLE MATERIALS:

HAZARDOUS DECOMPOSITION PRODUCTS

POSSIBLE THERMAL DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION:

No hazardous reactions if stored and handled as prescribed/indicated.

No corrosive effect on metal.

Based on its structural properties the product is not classified as oxidizing.

Forms no flammable gases in the presence of water, The product is stable if stored and handled as prescribed/indicated.

May react with oxidizing agents.

See MSDS section 7 – Handling and storage.

Radical formers, oxidizing agents

2-propenal, carbon monoxide, carbon dioxide  
> 350°C

## 11. TOXOLOGICAL INFORMATION

### PRIMARY ROUTES OF EXPOSURE:

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### ACUTE TOXICITY:

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

#### ORAL

TYPE OF VALUE:

VALUE:

IRRITATION/CORROSION

ASSESSMENT OF IRRITATING EFFECTS:

ATE

> 5000 mg/kg

#### SENSITIZATION

ASSESSMENT OF SENSITIZATION:

Prolonged exposure to the product can result in irritation of the skin and mucous membranes.

Based on available data, the classification criteria are not met.

### CHRONIC TOXICITY/EFFECTS

ASSESSMENT OF REPEATED DOSE TOXICITY:

The information available on the product provides no indication of toxicity on target organs after repeated exposure.

ASSESSMENT OF MUTAGENICITY:

The chemical structure does not suggest a specific alert for such an effect.

ASSESSMENT OF CARCINOGENICITY:

Based on available data, the classification criteria are not met.

ASSESSMENT OF REPRODUCTION TOXICITY:

The chemical structure does not suggest a specific alert for such an effect.

OTHER INFORMATION:

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### SYMPTOMS OF EXPOSURE:

No significant reaction of the human body to the product known.

## 12. ECOLOGICAL INFORMATION

### TOXICITY

#### ASSESSMENT OF AQUATIC TOXICITY:

There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

#### TOXICITY TO FISH:

Information on Docosahexaenoic acid  
LC50 (96h) > 100 mg/l, *Brachydanio rerio* (OECD Guideline 203, static)

The details of the toxic effect relate to the normal concentration.

#### AQUATIC INVERTEBRATES:

Information on Docosahexaenoic acid  
EC50 (48 h) > 100 mg/l, *Daphnia magna* (OECD Guideline 202, part 1, static)

The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An eluate has been tested.

#### AQUATIC PLANTS:

Information on Docosahexaenoic acid  
EC50 (72h) > 100mg/l (growth rate), *Desmodium subspicatus* (OECD Guideline 201, static)

The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An eluate has been tested.

### PERSISTENCE AND DEGRADABILITY

#### ASSESSMENT BIODEGRADATION AND ELIMINATION (H2O):

Not readily biodegradable (by OECD criteria).

Biodegradable.

#### ELIMINATION INFORMATION:

Information on Docosahexaenoic acid  
60-70% BOD of the ThOD (28d) (OECD Guideline 301 F) (aerobic, activated sludge, domestic)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### BIOACCUMULATIVE POTENTIAL

#### ASSESSMENT BIOACCUMULATION POTENTIAL:

Information on Docosahexaenoic acid  
Significant accumulation in organisms is not to be expected. The product has not been tested. The statement has been derived from the properties of the individual components.

### MOBILITY IN SOIL

#### ASSESSMENT TRANSPORT BETWEEN ENVIRONMENTAL COMPARTMENTS:

Information on Docosahexaenoic acid  
The substance will rapidly evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.

### OTHER ECOTOXICOLOGICAL ADVICE:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.



### 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL OF SUBSTANCE:  
CONTAINER DISPOSAL:

Observe national and local legal requirements.  
Untamated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

### 14. TRANSPORT INFORMATION

LAND TRANSPORT  
USDOT

Not classified as a dangerous good under transport regulations.

SEA TRANSPORT  
IMDG

Not classified as a dangerous good under transport regulations.

AIR TRANSPORT  
IATA/ICAO

Not classified as a dangerous good under transport regulations.

### 15. REGULATORY INFORMATION

FEDERAL REGULATIONS  
CHEMICAL REGISTRATION STATUS:  
FOOD REGISTRATION STATUS:  
EPCRA 311/312 (HAZARD CATEGORIES):

TSCA, US blocked / not listed  
TSCA, US released / exempt  
Refer to SDS section 2 for GHS hazard classes applicable for this product.

NFPA HAZARD CODES

HEALTH:	1
FIRE:	1
REACTIVITY:	0
SPECIAL:	

HMIS III RATING:

HEALTH:	1
FLAMMABILITY:	1
PHYSICAL HAZARD:	0

### 16. OTHER INFORMATION

None available

### Revised on 12/4/20

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Soap and More believes the above information to be accurate based on the information available to Soap and More, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Soap and More meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Soap and More standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.