

1. Product and Company Identification

Material name	MARINOL D-40
Version #	03
Revision date	02-10-2012
Product code	7594
Chemical class	Refined fish oil
Chemical description	Food ingredient
Synonym(s)	Concentrated natural fish oil with a high content docosahexaenoic acid (DHA)
Manufacturer	Stepan Specialty Products, LLC 100 West Hunter Avenue Maywood, NJ 07607 United States
Emergency	Medical 1-800-228-5635 Chemtrec 1-800-424-9300 Chemtrec Int'l +1 703-527-3887
General information	General (U.S.) 1-847-446-7500

2. Hazards Identification

Emergency overview	Contact with eyes may cause irritation.
Potential health effects	
Eyes	Contact with eyes may cause irritation.
Skin	Not expected to be a primary skin irritant.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion	Under normal conditions of intended use, this material does not pose a risk to health.
Potential environmental effects	None known.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Fish oil concentrate	8016-13-5	

4. First Aid Measures

First aid procedures	
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
Skin contact	Remove contaminated clothing. For skin contact, wash immediately with soap and water. Get medical attention if irritation develops or persists.
Inhalation	Move to fresh air.
Ingestion	Rinse mouth thoroughly. Drink a few glasses of water or milk.

5. Fire Fighting Measures

Extinguishing media	
Suitable extinguishing media	Foam. Dry chemical powder. Carbon dioxide (CO2). Sand
Unsuitable extinguishing media	Water.
Protection of firefighters	
Specific hazards arising from the chemical	Development of hazardous combustion gases or vapours possible in the event of a fire. The following may develop: Acrolein.
Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.

6. Accidental Release Measures

Personal precautions	Surfaces may become slippery after spillage.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.
Methods for containment	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.
Methods for cleaning up	<p>Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.</p> <p>Never return spills in original containers for re-use. Wear appropriate protective equipment and clothing during clean-up.</p>

7. Handling and Storage

Handling	Handle and open container with care.
Storage	Store in a cool, dry place out of direct sunlight. Keep away from heat, sparks and open flame. Keep from contamination by any source, including metals, acids, dust, and organic materials.

8. Exposure Controls / Personal Protection

Engineering controls	Ensure adequate ventilation, especially in confined areas. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
Personal protective equipment	
General	Eye wash fountain and emergency showers are recommended. Avoid contact with the skin and the eyes.
Eye / face protection	Wear safety glasses; chemical goggles (if splashing is possible).
Skin protection	Use impervious gloves.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color	Light yellow.
Odor	Characteristic.
Physical state	Liquid
Form	Slip melting point = < 10 °C
Flash point	> 356 °F (> 180 °C)
Vapor pressure	< 0.1 mbar @ 300C
Specific gravity	880 kg/m3 @ 70C
Solubility (water)	Insoluble
Other data	
Solubility (solvents)	Unlimited in lipophylic solvents
Auto-ignition temperature	662 °F (350 °C)

10. Stability & Reactivity

Chemical stability	Stable at normal conditions.
Conditions to avoid	Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapors.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Toxicological data

Product

MARINOL D-40

Test Results

Acute Oral LD50 Rat: > 2 g/kg

Local effects

No eye irritation, rabbit
No skin irritation, rabbit

Mutagenicity

Not mutagenic in AMES Test.

Further information

Information given is based on data obtained from similar substances.

12. Ecological Information

Persistence / degradability

The product is biodegradable.

13. Disposal Considerations

Disposal instructions

All wastes must be handled in accordance with local, state and federal regulations. Regulations vary. Dispose in accordance with all applicable regulations.

14. Transport Information

General

Transport in combination with Foodstuffs only, avoiding contact with chemicals, dust and aromas.

Domestic Trucking: <5 C

Air Freight (less than 2 days): <5 C

Ocean Container: <5 C

Other: Under waterline on ship.

Notes

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. Regulatory Information

Reportable Quantity

There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

No

Inventory status

Country(s) or region

Inventory name

On inventory (yes/no)*

Australia

Australian Inventory of Chemical Substances (AICS)

Yes

Canada

Domestic Substances List (DSL)

Yes

Canada

Non-Domestic Substances List (NDSL)

No

China

Inventory of Existing Chemical Substances in China (IECSC)

Yes

Europe

European Inventory of Existing Commercial Chemical Substances (EINECS)

Yes

Europe

European List of Notified Chemical Substances (ELINCS)

No

Japan

Inventory of Existing and New Chemical Substances (ENCS)

No

Korea

Existing Chemicals List (ECL)

Yes

New Zealand

New Zealand Inventory

Yes

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Yes

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

Regulatory information

This substance is not classified as dangerous according to European Union legislation.

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 0
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 0
Flammability: 1
Instability: 0

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02-10-2012

**This data sheet contains
changes from the previous
version in section(s):**

Transport Information: General