

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	COD LIVER OIL
U.N. NUMBER:	Not Applicable
D G CLASS & SUB RISK:	Not Applicable
HAZCHEM:	Not Applicable
PACKAGING GROUP:	Not Applicable
EPG:	Not Applicable
SHIPPING NAME:	Not Applicable
PHYSICAL DESCRIPTION:	Yellow, oily liquid
FLASHPOINT:	>150°C
BOILING POINT:	Not Determined
MELTING POINT:	Not Determined
SOLUBILITY (H ₂ O):	Insoluble
ODOUR:	Slightly fishy
SPECIFIC GRAVITY:	0.918-0.927
FLAMMABILITY LIMITS:	Not Determined
OTHER PROPERTIES:	Incompatible with strong oxidising substances. Non-Toxic.
ACTIVE CONSTITUENTS:	Cod Liver Oil

HEALTH HAZARD INFORMATION**ACUTE**

- INGESTED: Will have little or no effect unless massive amounts are ingested daily.
- EYES: May cause minor irritation.
- SKIN: Little or no effect on skin.
- INHALED: Unlikely to occur. Any smell is harmless.

CHRONIC

It is postulated that massive daily doses (over 40 000 i.u.) taken by pregnant women may have a teratogenic effect. There is no current evidence of this effect occurring.

FIRST AID

- INGESTED: Rinse mouth out with water and give two glasses of water or milk to drink. Do not induce vomiting. If symptoms persist seek medical assistance.
- EYES: Hold eyelids open and flush eyes with water for 15 minutes. Ensure that inner surface of eyelids are flushed. If symptoms persist or burns are present seek urgent medical assistance.
- SKIN: Remove contaminated clothing including footwear if necessary. Flush affected area with cool water for 5 minutes followed by gently washing with soap and water. Rinse thoroughly and pat dry. If symptoms persist seek prompt medical assistance.
- INHALED: Remove patient to fresh air. Loosen tight clothing and allow to rest. Treat for shock if required. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Unless recovery is prompt seek **URGENT** medical assistance.
- FIRST AID FACILITIES: Provide normal industrial first aid facilities including eye-wash stations and deluge showers, where appropriate, close to the area where the product is in use.

ADVICE TO DOCTOR:

Provide supportive care and treatment based on the patients' reactions to the exposure.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

WorkSafe Australia has not established an Exposure Standard for this substance.

ENGINEERING CONTROLS:

Provide comfort level ventilation.

PERSONAL PROTECTION

RESPIRATORY:

Not usually required

EYE:

Not usually required

GLOVES:

Not usually required

CLOTHING:

Wear Tyvec or cotton overalls supplemented as necessary by rubber or PVA apron.

INDUSTRIAL
HYGIENE:

Follow normal industrial/chemical hygiene practices.

FLAMMABILITY:

Product is a Combustible Liquid C2 according to the criteria of AS1940-93. Requires significant pre-heating before combustion may take place. Drums subjected to excessive heat in a fire situation may rupture adding fuel to the fire.

SPILLS AND DISPOSAL

- SPILL OR LEAK:** Prevent substance entering drains or waterways. Wear full protective clothing including rubber boots. Spread sand, soil or other inert absorbent over pool. When saturated collect into clean plastic drums or pails. Fit lids and label containers, move containers to a safe area to await disposal or recovery (where appropriate).
- DISPOSAL:** Disposal must be in accordance with local regulations for non-hazardous chemical wastes.
- STORAGE:** Store in a fire protected area. Keep away from oxidisers. Note that some jurisdictions require that C2 Combustible Liquid is housed in a Flammable Liquids Store.
- TRANSPORT:** No regulatory requirements under the ADG Code apply to the transport of this product, unless transported in bulk with Class 3 goods or with packaged Class 3 goods where the quantity present exceed 1000L.

FIRE AND EXPLOSION HAZARDS

- DECOMPOSITION BY-PRODUCTS:** None known but may produce CO²
- FIRE FIGHTING RECOMMENDATIONS:** Keep exposed containers cool with water spray. Contain run-off for later collection and controlled disposal.
- EXTINGUISHING AGENTS:** Foam, Dry agent or Carbon Dioxide (for small fires).
- PRECAUTIONS:** Wear SCBA and full turn out clothing with product and run-off.
- OTHER INFORMATION:** Product is partially destearinated fixed oil obtained from the Fresh livers of Codfish- Gadus Morrhua and other Gadidea species.

ENVIRONMENTAL

FATE:

Will float on the surface of water forming a slick.

FURTHER INFORMATION

CONTACT POINT:

Mr Gray Boston - General Manager

Bus Hrs (07) 32787 2311 A/Hrs (07) 3630 1654

DATE OF ISSUE:

23 March 2012

All information contained in this Material Safety Data Sheet is as accurate and up to date as possible. Since Pharmachem cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Pharmachem will not be responsible for damages of any nature resulting from use of or reliance upon the information. No expressed or implied warranties are given other than those implied mandatorily by Commonwealth State or Territory legislation.