


# OMEX-3™



ENHANCED  
FORMULAS  
9EPA/6DHA

FISH OIL OMEGA-3  
POWDER FORMULA

ND PHARMA & BIOTECH

# OMEX-3™

9% EPA -6% DHA

Description	Specification	Result	Method
<b>Physical Characteristic</b>			
Colour	Off white to light tan	Off white	Visual
Appearance	Free flowing Powder	Complies	Visual
Flavour	Characteristic	Characteristic	Organoleptic
Odour	Characteristic	Characteristic	Organoleptic
<b>Analytical Assay</b>			
Moisture	NMT 5%	4.20%	USP 24 <921>
Solubility in water	Dispersible at high temp (80°C) With constant stirring	Complies	IP
Tap Density (gm/ml)	0.40 - 0.65	0.56	USP 24 <616>
Bulk Density (gm/ml)	0.30 - 0.45	0.43	USP 24 <616>
Peroxide value	NMT 5	3.62	BP Appendix X.F
Excepients	Starch	Complies	In House Specification
Carriers	None	Complies	In House Specification
<b>Trace Metals</b>			
Heavy Metals	< 10 ppm	Complies	ICP -MS
Lead	< 3 ppm	Complies	ICP -MS
Arsenic	< 1 ppm	Complies	ICP -MS
Cadmium	< 1 ppm	Complies	ICP -MS
Mercury	< 0.1 ppm	Complies	ICP -MS
<b>Microbial Assay</b>			
Total Plate Count	<10,000 cfu/g	100	AOAC, BAM
Yeast & Mould	<100 cfu/g	Not detected	AOAC, BAM
Salmonella	Absent/25 g	Complies	AOAC, BAM
E.coli	Absent/10 g	Complies	AOAC, BAM
<b>Assay for Actives ( w. r.t powder)</b>			
Total oil content	NLT 30%	30.28%	Gravimetric method
Eicosapentaenoic acid - EPA	NLT 9%	9.16%	GC method
Docosahexaenoic acid - DHA	NLT 6%	6.22%	GC method

Analysed by

Certified by

Senior Chemist

Manager - QC

## MATERIAL SAFETY DATA SHEET

Product name	:	Omega-3 Powder
<b><u>1. Chemical product &amp; company identification</u></b>		
Product name	:	OMEX-3 TM
Product code	:	172239
Company name	:	ND Pharma & Biotech
Company address	:	Surrey, England, UK
Company tel. no.	:	
Company fax no.	:	+34 981 101525 (SP)
Company emergency tel. no.	:	+34 698 133 183 (Spain)
<b><u>2. Composition / information on ingredients</u></b>		
Physical state	:	Product is a free flowing powder
Common name	:	Omega-3 Powder
CAS - number	:	N.d.a
EC - number	:	N.d.a
EINECS - number	:	N.d.a
INCI	:	N.d.a
Synonyms	:	EPA and DHA concentrate powder, Poly unsaturated fatty acid powder Omega-3 Powder
Impurities	:	None
<b><u>3. Hazards identification</u></b>		
Physical & chemical hazards	:	None
Environmental hazards	:	None
Adverse human health effects	:	None
Specific hazards	:	None
Main symptoms	:	None
<b><u>4. First - aid measures</u></b>		
<b>Symptoms and effects</b>		
Inhalation	:	None
Skin contact	:	Behaves like a powder- Characteristic odour persists
Eye contact	:	Irritation as a fatty material
Ingestion	:	Irritation as a fatty material
<b>First aid</b>		
Inhalation	:	Provide fresh air
Skin contact	:	Wash with soap and plenty of water
Eye contact	:	Rinse with soap and water
Ingestion	:	Consult a physician if any discomfort feels.
<b><u>5. Fire fighting measures</u></b>		
Suitable extinguishing media	:	Water, CO <sub>2</sub> , and foam
Extinguishing media which must not be used	:	None
Exposure hazards	:	None
Special protective equipment	:	

for fire fighters	:	None
Special fire fighting methods	:	None
<b><u>6. Accidental release measure</u></b>		
Personal precautions	:	None
Environmental precautions	:	None
Methods for cleaning up	:	Wash with soap and plenty of water
Methods for recovery	:	None
Methods of neutralization	:	Not necessary. pH = 6-7
Methods for disposal	:	Concrete tanks or landfill
<b><u>7. Handling &amp; Storage</u></b>		
<i>Handling</i>		
Prevention of exposure	:	None
Prevention of fire / explosion	:	Keep away from flame.
Precaution for safe handling	:	Material should be collected and cleaned to prevent slipping.
Safe handling advice	:	Good house keeping practices Characteristic Fish oil Better use Gloves while handling
<b>Storage</b>		
Suitable storage media	:	HM-HDPE pails under nitrogen or inert gas atmosphere
Recommendations	:	Avoid high temperature, humidity and long storage time. Keep container tightly closed
Incompatible materials	:	Iron, copper, plastic etc.
<b><u>8. Exposure Controls / Personal Protection</u></b>		
Engineering measures	:	N.d.a
<b>Specific Control Parameters</b>		
Limit values	:	N.d.a
Biological standards	:	N.d.a
<b>Means for Personal Protection</b>		
Respiratory protection	:	Wear masks
Hand protection	:	Wear gloves
Eye protection	:	Wear eye protecting masks if necessary
Skin and body protection	:	Wear gloves
Hygiene measures	:	Good manufacturing practices.
<b><u>9. Physical and Chemical properties</u></b>		
Physical state	:	Product is a free flowing powder
Colour	:	Off white to light tan
Boiling point	:	N.a
Flash point	:	Not done
Auto ignition temperature	:	Not done
Explosive properties	:	Not done

Decomposition temperature : Above 100°C under 20 mm pressure  
Vapour pressure : N.d.a

**10. Stability and Reactivity**

Conditions to avoid : High temperatures, high humidity and oxygen. Inert atmosphere preferred  
Materials to avoid : Iron, Copper etc.  
Hazardous decomposition products : N.d.a

**11. Toxicological Information**

Acute toxicity : No specific information available  
Inhalation : N.d.a  
Ingestion : N.d.a  
Skin contact : N.d.a  
Eye contact : Burning sensation  
Chronic long-term toxicity : Omega-3 powder is considered as safe without any side effects. It is non-carcinogenic and non-toxic.

Corrosive : Non-Corrosive

**12. Ecological information**

Mobility : Free flowing powder  
Persistence/degradability : Biodegradable  
Bioaccumulation : None  
Ecotoxicity : N.d.a

**13. Disposal consideration**

Water/residue : Waste water treatment plant  
Package : Regular disposal

**14. Transport information**

IMCO (sea) : N.a  
ICAO/IATA (air) : N.a  
RID/ADR (land) : N.a  
UN - number : N.d.a  
Packaging group : N.d.a

**15. Regulatory information**

Specific international regulation : N.d.a  
Specific national regulation : N.d.a  
Labeling : N.d.a

N.d.a - No data available

N.a - Not applicable

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