

Material Safety Data Sheet

Product name : **Fermentoil Complex**

1. IDENTIFICATION OF COMPANY

1.1 Manufacturer	TKB Trading 939 E 11th St Oakland, CA 94606	www.tkbtrading.com support@tkbtrading.com
1.2 Supplier	Manufacturer	

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. The substance is not classified as dangerous according to Directive 1999/45/EC.
2.2 Label elements	The product does not needed to be labeled in accordance with EC directives or related laws

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Product name	Fermentoil Complex
3.2 INCI name	Candida bombicola/Glucose/Methyl Rapeseedate Ferment, Olea Europaea (Olive) Fruit Oil, Helianthus Annuus (Sunflower) Seed Oil, Argania Spinosa Kernel Oil, Angelica Gigas Root Extract, Lithospermum Erythrorhizon Root Extract, Glycyrrhiza Uralensis (Licorice) Root Extract
3.3 CAS number	-, 8001-25-0, 8001-21-6, -, -, -
3.4 EINECS No.	-, 232-277-0, 232-273-9, 299184-75-1, -, -, -
3.6 Dangerous components	Void

4. FIRST AID MEASURES

4.1 Ingestion	Induce vomiting by letting victim drink plenty of water (unless unconscious)
4.2 Inhalation	Supply person with fresh air. If symptoms persist, call a doctor
4.3 Skin contact	Wipe affected part and flush with lots of water

4.4 Eye contact	Rinse thoroughly with a lot of water for some minutes. Call a doctor if necessary
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5. FIRE FIGHTING PROCEDURES

5.1 Extinguishing Media Suitable	CO2, extinguishing powder or water jet, Fight larger fires with water jet or alcohol-resistant foam
5.2 Special Firefighting Procedures	In case of insufficient ventilation, wear suitable respiratory equipment
5.3 Hazardous Thermal (de)composition Products	Void
5.4 Protection of Firefighters:	According to size of fire

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	Avoid contact with mucous membranes and eyes
6.2 Environmental Precautions	Do not empty into drains
6.3 Methods of cleaning up	Take up mechanically. Rinse the remaining material with lots of water
6.4 Additional information	No dangerous materials are released

7. HANDLING AND STORAGE

7.1 Handling	Avoid contact with mucous membranes and eyes.
7.2 Storage	Avoid from direct sunlight and store at room temp.(25°C). Keep container tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Respiratory System Protection	No special respirator required
8.2 Skin and Body Protection	Wear suitable protective clothing and gloves
8.3 Hand Protection	Wear suitable gloves
8.4 Eye Protection	Eye goggles, with side shields

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical State	Viscous Liquid
9.2 Color	Light yellow to yellow
9.3 Odour	Characteristic
9.4 Specific gravity	0.900 ~ 0.920
9.5 Acid value	10.0 ± 2.0
9.6 Heavy metals	< 20 ppm
9.7 Change in condition	Melting point/Melting range : Not determined Boiling point/Boiling range : 95-185 °C
9.8 Flash point	Not applicable
9.9 Flammability	Non-flammable

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid	No decomposition if used according to specifications
10.2 Dangerous reactions	No dangerous reaction known
10.3 Hazardous Decomposition Products	None

11. TOXICOLOGICAL DATA

11.1 Routes of exposure	Ingestion, inhalation and skin exposure.
11.2 Acute toxicity	Negligible based on ingredient information
11.3 Local effects, sensitization	Many years of application in cosmetic products shows excellent tolerance.
11.4 Chronic/Mutagenic effects on humans	Not expected based on ingredient information.

12. ECOLOGICAL INFORMATION

12.1 Persistence and degradability	Easily biodegradable (concerning to the criteria of the OECD)
12.2 Other adverse effects	Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

13. DISPOSAL CONSIDERATIONS

13.1 Method of Disposal	Take notice of national special regulations
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14. TRANSPORTATION INFORMATION

14.1 Land - Road/Railway	This product is not classified according to ADR/RID
14.2 Inland Waterways	This product is not classified according to ADNR
14.3 Sea	This product is not classified according to IMDG
14.4 Air	This product is not classified according to IATA
14.5 National Transport Regulations	No additional national transport regulations are known to the supplier

15. REGULATORY INFORMATION

The safety data sheet complies with requirements of Regulation(EC) No. 453/2010.

In Australian AICS and Canadian DSL/NDL, 'Angelica gigas root extract; CAS#84775-41-7' is registered as 'Angelica archangelic extract'

In Australian Safework guide and Canadian WHMIS, none of components are listed as hazardous material.

16. OTHER INFORMATION

None

This information of MSDS is transmitted to all the recipients of product. Each user should review these recommendation in advance