

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

1.1. Product Name					
Grapeseed Oil					
1.2. INCI Name and Botanical Family					
Vitis Vinifera Seed Oil, <i>Vitaceae</i>					
CAS No.	8024-22-4	FEMA No.	N/A	EINECS No.	617-024-8

2. HAZARD IDENTIFICATION

2.1. Classification of substance or mixture	
Not classified as hazardous	
2.2. Classification (EC 1272/2008)	
Not classified as hazardous	
2.3. Label Elements	
<u>Labels in accordance with (EC) No 1272/2008</u> None	
Signal word	None
Contains	None
2.4. Hazardous Statements	
None	
2.5. Precautionary Statements	
None	
2.6. Supplementary Precautionary Statements	
None	
2.7. Other hazards	
None	

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Ingredients			
Name of Constituents	CAS No.	EC No.	% Composition
Vitis Vinifera Seed Oil	8024-22-4	617-024-8	100%

Classification (EC 1272/2008)	Not classified as hazardous
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4. FIRST AID MEASURES

4.1. Description of first aid measures	
Inhalation	Generally, first aid is not necessary. Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues
Ingestion	Edible, food grade so no adverse effects to be expected. Seek medical attention if any discomfort continues
Skin contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse
4.2. Most important symptoms and effect, both acute and delayed	
No additional data available	
4.3. Indication of any immediate medical attention and special treatment	
None	

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media	
Use CO2 dry powder or foam type extinguishers. Do not use direct water jets on burning material.	
5.2. Special hazards arising from the product	
Fine oil mist may be hazardous. On extreme long heating at high temperatures, gaseous components of Acrolein may occur)	
5.3. Advice for firefighters	
Standard measures in line with fire safety regulations	

6. ACCIDENTAL RELEASE MEASURES


6.1. Personal precaution, protective equipment and emergency procedure	
Avoid contact with skin, eyes and clothes. Note that spillage constitutes a slipping hazard. Use individual protective equipment in case of major spillage	
6.2. Environmental precautions	
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Do not discharge into drains, water courses or onto the ground.	
6.3. Methods and material for containment and clean up	
Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable	

containers for disposal. Clean preferable with a detergent, do not use solvents.
6.4. Reference to other sections
None

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Apply Good Manufacturing Practice and industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene and do not eat, drink or smoke whilst handling. At times oil-soaked materials may spontaneously combust.
7.2. Conditions for safe storage, including any incompatibilities
Store in a tightly closed original container in a cool dry ventilated area away from strong odours and light
7.3. Specific end use(s)
No additional data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters	
None	
8.2. Exposure controls	
Protective Equipment	
Process Conditions	No special measures required
Engineering measures	Ensure adequate ventilation, especially in confined areas.
Respiratory equipment	No special measures required
Hand protection	No special measures required, but one may use safety gloves
Eye protection	No special measures required, but one may use safety glasses
Other protection	Spill proof shoes may be worn in the event of spillage
Hygiene measures	Good personal hygiene practises are always advisable, especially when working with chemicals / oils
Personal protection	Avoid inhalation and contact with skin and eyes
Skin protection	Avoid skin contact. Wear suitable protective clothing

Environmental exposure controls	Avoid discharging into drainage water. Only eliminate by authorised companies
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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Light Yellow to Green
Odour	Characteristic
Flash point	> 100°C
Relative density	Approx. 0.915 @ 20°C
Refractive index	Approx. 1.467 @ 20°C
Boiling point	No additional data available
Melting point	No additional data available
Vapour pressure	No additional data available
Solubility in water @ 20°C	Insoluble in water, soluble in vegetable oil
Auto ignition temperature	No additional data available
9.2. Other information	
No additional data available	

10. STABILITY AND REACTIVITY

10.1. Reactivity
Generally stable. It presents no significant reactivity hazards, by itself or in contact with water.
10.2. Chemistry stability
Stable under the recommended handling and storage conditions
10.3. Possible hazardous reactions
Polymerisation is not likely to occur
10.4. Conditions to avoid
Keep away from ignition sources, high temperatures (especially near flash point) and open flames
10.5. Incompatible materials
Avoid contact with strong acids, alkalis and oxidising agents
10.6. Hazardous decomposition products
Does not decompose at proper handling. Thermal decomposition product: compounds of Acrolein on extreme heating

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	
Acute toxicity	Non-toxic product - food grade - pharmaceutical use
Skin irritation or corrosion	Non-toxic product - food grade - pharmaceutical use
Serious eye damage/ irritation	Non-toxic product - food grade - pharmaceutical use
Respiratory or skin sensitisation	Non-toxic product - food grade - pharmaceutical use
Germ Cell Mutagenicity	Non-toxic product - food grade - pharmaceutical use
Carcinogenicity	Non-toxic product - food grade - pharmaceutical use
Reproductive toxicity	No additional data available
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	No additional data available
Photo-toxicity	Not photo toxic
Other information	None

12. ECOLOGICAL INFORMATION

12.1. Toxicity
No additional data available
12.2. Persistence and degradability
Readily biodegradable
12.3. Bioaccumulation Potential
No additional data available
12.4. Mobility in soil
No additional data available
12.5. Results of PBT and vPvB Assessment
No additional data available
12.6. Other adverse effects
Do not allow product to enter streams, sewers or other waterways

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Isolate small spills with absorbent grit. Collect and dispose of waste product at a recognised disposal facility, in

accordance with local authority guidelines. Product remains should not intrude soil or water

14. TRANSPORT INFORMATION

14.1. UN numbers	
Road	Not applicable - Non-hazardous product
Sea	Not applicable - Non-hazardous product
Air	Not applicable - Non-hazardous product
14.2. UN Proper shipping name	
No additional data available	
14.3. Transport hazard class(es)	
No additional data available	
14.4. Packing group	
No additional data available	
14.5. Environmental hazards	
No hazardous label necessary - non-hazardous product	
14.6. Special precautions for user	
See section 6 - 8	
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	
Not defined	

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Statutory instruments	The chemicals [Hazard information and packaging for supply regulation 2009 (SI 2009 NO 716)]
Guidance notes	Workplace exposure limit EH40. CHIP for everyone HSG (108)
15.2. Chemical safety assessment	
No additional data available	