

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier:		
Substance name:		
Biological Definition: HELIANTHUS ANNUUS SEED IS A FIXED OIL OBTAINED FROM THE SUNFLOWER SEED		
INCI Name: HELIANTHUS ANNUUS SEED OIL	Product Name: SUNFLOWER SEED OIL (HI LINOLEIC), COLD PRESSED	
Synonyms & Trade Names	HI LINOLEIC SUNFLOWER OIL	
EC NO: 232-273-9	CAS NO: 8001-21-6	EINECS CAS Number: 232-273-9
Index No:	Reach Registration No: This product is not dangerous according to REACH Regulation 1907/2006.	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses:		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>	

2. Hazards Identification	
2.1 Classification of the substance or mixture	
Classified according to Regulation (EC) 1272/2008 (CLP)	This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:	
GHS Label	None
Signal Word.	None
Hazard statements.	None
Precautionary statements.	None
Supplementary Precautionary Statements:	None
Section 16 (Other Information): Hazards & precautions phrases in full.	
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	None
Adverse Physio-chemical Properties	None
Adverse Effects on Human Health	None

3. 1 Composition / information on ingredients:

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Substances	Not applicable		
3.2 Mixtures	Not applicable		

4. First Aid Measures	
4.1 General	Always remove contaminated clothing immediately.
Inhalation	Not expected for this particular product, however always best avoiding proactive inhalation.
Eye contact	Wash immediately & thoroughly with clean tap water.
Skin contact	No instruction as this is a non-toxic product.
Ingestion	No instruction as this is a non-toxic product.
4.2 Most important symptoms and effects, both acute and delayed:	
None	
4.3 Indication of any immediate medical attention and special treatment need	
Not applicable	
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Foam, CO2, Dry chemical powder
Unsuitable extinguishing media:	Water
5.2 Special hazards arising from the substances or mixture: None	
Hazardous combustion products:	The product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke and oxides of carbon.
5.3 Advice for firefighters	Standard. Wear self-contained breathing apparatus in confined spaces.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures:	
6.1.1 For non-emergency personnel	
Protective equipment:	Personal precautions: None required.
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	None required
6.3 Methods for cleaning up –	Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.
6.3.1 For containment:	
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	Refer and consider sections 8 and 13.

7. Handling and storage	
7.1 Precautions for safe handling:	
Handle in accordance with good hygiene and safety practice.	

Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard.
Always wear personal protective clothing (refer to section 8).
Do not eat, drink, sniff or smoke whilst handling this product.
Provide suitable mechanical equipment for the safe handling of drums & heavy packages.

Protective measures:	
Measures to prevent fire:	
Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	
Advice on general occupational hygiene:	
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	
Packaging Materials:	
Requirements for storage and vessels:	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	No Data
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	None
8.2 Exposure controls	Protective equipment: Safety goggles, gloves.
Process Conditions	No particular protection measure is needed.
Engineering Measures	None
8.2.2 Personal Protection equipment : No additional data available.	
8.2.2.1 Eye / face protection	Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.
8.2.2.2 Skin Protection	None
Hand protection	None
Other skin protection	None
Hygiene measures	None
8.2.2.3 Respiratory protection	None
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	None

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	

Colour	Light Yellow - Yellow
Appearance	Oily Liquid
Odour	Odourless
Melting Point / freezing point	Not applicable
Boiling point /Initial boiling point & boiling range	> 100°C
Flammability	
Lower and upper explosion limit	
Flash point °C	>280°C
Auto- ignition temperature	
Decomposition temperature	
pH	
Kinematic Viscosity	
Solubility in Water @ 20°C	Insoluble
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	No Data
Density and /or relative density	
Relative Density	No Data
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	No Data
Specific gravity	
Optical rotation @ 20°C	
Refractive index	1.473 - 1.476
Typical analysis of major components	

10. Stability and reactivity

10.1 Reactivity	Not applicable
10.2 Chemical Stability	Stable under suggested storage conditions (<20°C)
10.3 Possibility of hazardous reactions:	No
10.4 Conditions to avoid:	Storage at high temperatures. Do not store above 20°C
10.5 Incompatible Materials:	Concentrated acids, alkalis & oxidising agents.
10.6 Hazardous Decomposition Products	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects

Acute toxicity:	Non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is
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SAFETY DATA SHEET
According to Regulation (EC) No.1272/2008

	sterilised in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).
Skin corrosion /irritation:	Not Applicable
Seriously eye damage/irritation:	Not Applicable
Respiratory or skin sensitisation:	Not Applicable
Germ cell mutagenicity:	Not Applicable
Carcinogenicity:	Not Applicable
Reproductive toxicity:	Not Applicable
Summary of evaluation of the CMR properties:	
STOT- single exposure,	Not Applicable
STOT-repeated exposure:	Not Applicable
Aspiration hazard:	Not Applicable
Other information	Not Applicable

12. Ecological information	
12.1 Toxicity	Low-None
12.2 Persistency & degradability	> 90% (OECD)
12.3 Bio accumulative potential	None
12.4 Mobility in soil	Low -None
12.5 Results of PBT and vPvB Assessment	Not Available
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	None

13. Disposal considerations	
13.1 Waste treatment methods	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	
13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	Dispose of contents / container in accordance with local / regional / national / international regulations.

14. Transport information	
Warning icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.
Shipping Name	Not Applicable

14.1 UN Number or ID number; (Road)	Not Applicable
ADR Class	Not Applicable
Hazard Number (ADR)	Not Applicable
Hazchem Code	Not Applicable
UN Number (Sea)	Not Applicable
IMDG Class	Not Applicable
IMDG Pack GR.	Not Applicable
EMS	Not Applicable
UN Number (Air)	Not Applicable
Air Class	Not Applicable
Air Pack GR	Not Applicable
14.2 UN proper Shipping name	None
14.3 Transport hazard class(es)	None
14.4 Packing group	None
14.5 Environmental hazards	None
14.6 Special precautions for user	No additional data available.
14.7 Transport in bulk according to ANNEX II OF MARPOL73/78 AND THE IBC CODE	No additional data available.

15 Regulatory information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).
Statutory Instruments	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716)
Approved Code of Practice	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108
15.2 Chemical Safety Assessment	Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

16. Other information

Allergens: None

(i) Indication of Changes: Revised Safety Data Sheet Format: From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021’.

(ii) Abbreviations and acronyms:
Hazard and /or Precautionary Statements in Full:

MSDS Material Safety Data Sheet.
 INCI International Nomenclature of Cosmetic Ingredients.
 CAS Chemical Abstract Service. IMDG International Maritime code for Dangerous Goods.
 ADR Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).
 RID International Carriage of Dangerous Goods by Rail. ICAO International Civil Aviation Organization.
 ADN International Carriage of Dangerous Goods by Inland Waterways.
 GHS Globally Harmonized System of classification & labelling of chemicals.
 Trem Card Transport Emergency Card.
 STOT Specific Target Organ Toxicity.

(iii) Key Literature references and sources of date.

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	Refer to possible hazard before use of this product.
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.

QC requirements

In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

Disclaimer:

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.