Penny Price Aromatherapy/ Aroma Formulations
SAFETY DATA SHEET
According to Regulation (EC) No.1272/2008

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier:		
Substance name:	**Product Name:** Echinacea Infused in Sunflower	
Biological Definition: The oil extracted from the dried flower heads of Echinacea purpurea (L.), Asteraceae by infusion in sunflower oil at a ratio of 1:5.		
INCI Name:	Echinacea Purpurea Extract Helianthus Annuus Seed Oil	
Synonyms & Trade Names		
EC NO: 289-808-4 232-273-9	**CAS NO:** 90028-20-9 8001-21-6	**EINECS CAS Number:** 289-808-4 232-273-9
Index No:	**Reach Registration No:** Exempt	
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. Or call NHS 111 or NHS 999	

2. Hazards Identification	
2.1 Classification of the substance or mixture: No additional data.	
Classified according to Regulation (EC) 1272/2008	Not classified as hazardous
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008: None	
GHS Label	None
Signal Word.	None
Contains	No additional data
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	No additional data
Adverse Physio-chemical Properties	No additional data
Adverse Effects on Human Health	No additional data

3. 1 Composition / information on ingredients:

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Helianthus Annuus Seed Oil	CAS: 8001-21-6	~80.0%	Not classified as hazardous
Echinacea Purpurea Extract	CAS: 90028-20-9	~20.0%	Not classified as hazardous

4. First Aid Measures	
4.1 General	
Inhalation	Remove to fresh air and remain in a position which is comfortable for breathing. If discomfort occurs/continues, seek medical attention.
Eye contact	Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove to contact lenses and continue to rinse. Seek medical attention.
Skin contact	Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.
Ingestion	Do NOT induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. If discomfort occurs/continues, or if large quantities have been ingested, seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed:	
No additional data	
4.3 Indication of any immediate medical attention and special treatment need	
Treat symptomatically	
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Foam, CO2, Dry chemical powder
Unsuitable extinguishing media:	Do not use water.
5.2 Special hazards arising from the substances or mixture:	
Hazardous combustion products:	In the event of fire this product can generate oxides of carbon and other toxic gases. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. This product may only form ignitable mixtures or burn above the flash point.
5.3 Advice for firefighters	Wear self-contained respiratory equipment and appropriate protective clothing at all times. Do not inhale any gases or fumes which may be generated. Containers in close proximity to fire should be removed to a safe distance and the exterior of the container cooled with water.

6 Accidental release measures
6.1 Personal precautions, protective equipment, and emergency procedures: Wear protective clothing as recommended at all times. Handle the product using protective gloves resistant to the chemicals exposed.

Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.	
6.1.1 For non-emergency personnel	
Protective equipment:	
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	Do not discharge into drains, water courses or onto the ground.
6.3 Methods for cleaning up – 6.3.1 For containment:	Cover with an inert, inorganic, non-combustible absorbent material (e.g., dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. Larger spillages may be pumped.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	Section 13

7. Handling and storage	
7.1 Precautions for safe handling: Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Do not eat, drink or smoke whilst handling this product. Electrical equipment and fittings must comply with local regulations.	
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:	Store In a cool, dry, well-ventilated area. Ensure storage area temperature does not rise above typical room temperature. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use. Intrusion into soil must be avoided with proper storage conditions. Limit oxygenation.
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	No additional data
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	No additional data.
8.2 Exposure controls	Protective equipment: Safety goggles, protective gloves, protective clothing
Process Conditions	No additional data.
Engineering Measures	Install sufficient ventilation across all areas. Install readily available eyewash stations and safety showers.
8.2.2 Personal Protection equipment : No additional data	
8.2.2.1 Eye / face protection	Wear appropriate protective safety goggles which comply with EN166 at all times.
8.2.2.2 Skin Protection	Wear appropriate protective chemically resistant clothing at all times to prevent any potential skin contact with this product.
Hand protection	Wear appropriate protective chemically resistant gloves at all times which comply with EN374.
Other skin protection	No additional data.
Hygiene measures	Good hygiene practices are always recommended, especially when handling oils, chemicals or any other similar type of material.
8.2.2.3 Respiratory protection	In the event of airborne contamination or ventilation failure ensure the use of suitable respiratory equipment/ protection.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	Do not allow entry into drains, water courses or onto the ground.
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Pale – Dark Yellow
Appearance	Clear liquid
Odour	Characteristic
Melting Point / freezing point	No additional data
Boiling point /Initial boiling point & boiling range	No additional data
Flammability	
Lower and upper explosion limit	
Flash point ^{0}C	>300.0
Auto- ignition temperature	No additional data
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 additional data
Density and /or relative density	

Relative Density @ 20°C	~0.915
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	No additional data
Specific gravity	
Optical rotation @ 20^0C	
Refractive index @ 20^0C	~1.460
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	No additional data
10.2 Chemical Stability	Expected to remain stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	None known
10.4 Conditions to avoid:	Avoid heat, flames, sunlight and other sources of ignition. Avoid high temperature warehousing and heating at more than 60°C (for cosmetic use).
10.5 Incompatible Materials:	Strong Acids, Alkalis, Oxidising Agents
10.6 Hazardous Decomposition Products	In the event of fire this product may generate oxides of carbon and other toxic gases

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 material
Skin corrosion /irritation:	No additional data
Seriously eye damage/irritation:	No additional data
Respiratory or skin sensitisation:	No additional data
Germ cell mutagenicity:	No additional data
Carcinogenicity:	No additional data
Reproductive toxicity:	No additional data
Summary of evaluation of the CMR properties:	
STOT- single exposure,	No additional data
STOT-repeated exposure:	No additional data
Aspiration hazard:	No additional data
Photo-toxicity	No additional data
Other information	No additional data

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
12.5 Results of PBT and vPvB Assessment	No additional data
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	Do not allow entry into drains, water courses or onto the ground.

13. Disposal considerations	
13.1 Waste treatment methods	Always dispose of this product in accordance with local and national regulations. Do not allow entry into drains or waterways. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycling is always preferable to disposal. When containers have been fully emptied, ensure the labelling remains.
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	
14.1 UN Number or ID number; (Road) (Sea) (Air)	Non-toxic product, not regulated
14.2 UN proper Shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Details throughout document: 6, 7, 8
14.7 Transport in bulk according to ANNEX II OF MARPOL73/78 AND THE IBC CODE	No additional data

15 Regulatory information	
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	
EU Directives	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Classification and Labelling of Substances and Preparations Dangerous for Supply. Workplace Exposure Limits EH40. CHIP for everyone HSG (108). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),

	establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
15.2 Chemical Safety Assessment	No additional data

16. Other information

(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: None

(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:	
(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.