

Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name	Rosemary Extract Antioxidant				
Biological Definition	Rosmarinus Extract Antioxidant is an extract (by solvent extraction) of the dried and distilled leaves of the Rosemary, <i>Rosmarinus officinalis L.</i> , <i>Lamiaceae</i> infused, after solvent removal, in Helianthus annuus Seed Oil				
INCI Name	Helianthus Annuus Seed Oil & Rosemarinus Officinalis Leaf Extract				
Synonyms & Trade Names	-				
CAS-No	84604-14-8	EC No.	283-291-9	EINECS No.	283-291-9
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for food, cosmetic and professional applications only.					
1.3 Details of the supplier of the safety data sheet					

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
This natural extract is not regulated according to 67/548/EC and/or 1999/45/EC European Directives and regulation CLP1272/2008, their adaptations and annexes.	
Classification (EC 1272/2008)	
Not classed as a hazardous substance.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
The labelling according to the 1999/45/EC European directive and regulation CLP 1272/2008, their adaptations/annexes do not concern this natural extract.	
Signal Word	None.
Contains	Contains no hazardous substances.
Hazard Statements	
None.	
Precautionary Statements	
None.	
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	A slight irritation is possible of the skin and eyes, particularly if



	contact is prolonged.
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03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Approx. 70%	Helianthus Annuus Seed Oil	Cas no: 8001-21-6	Non hazardous substance.
Approx. 30%	Rosemarinus Officinalis Leaf Extract	Cas no: 84604-14-8	Non hazardous substance.

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	No vapours present at normal temperatures.
Ingestion	Rinse mouth with plenty of water. Seek medical attention if any discomfort continues.
Skin Contact	If irritation occurs; 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 if irritation occurs. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

A slight irritation is possible of the skin and eyes, particularly if contact is prolonged.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO₂). Dry Chemical Powder. Foam.
Unsuitable extinguishing media: dense water jet.

5.2 Special hazards arising from the product

If exposed to high temperatures, the product may release dangerous decomposition products such as carbon monoxide and dioxide.

5.3 Advice for firefighters

Use respiratory equipment suitable for the premises and products stored nearby. Packaging exposed to heat or open flames should be cooled with a fine water spray. Avoid allowing the resulting effluent to drain into the sewer system.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact. Wear protective equipment. Spill area may be slippery.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

6.3 Methods and material for containment and cleaning up.

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.

6.4 Reference to other sections

None



07. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures required, other than that of safe handling in line with good working practise. Use individual protection equipment (appropriate gloves, anti-misting goggles, adapted working clothing) in accordance with good practices of industrial hygiene (see chapter 8).

7.2 Conditions for safe storage, including any incompatibilities

Store the containers firmly sealed in a cool room sheltered from light, oxygen and humidity.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

None.

8.2 Exposure controls

Protective Equipment



Goggles



Gloves



Overalls

Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	Use adequate ventilation.
Hand Protection	In cases of repeated or prolonged contact, gloves may be worn to prevent contact with skin.
Eye Protection	Safety glasses (according to standard EN166) should be worn.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection to avoid skin and eye contact.
Skin Protection	Lab coats and gloves may be worn to prevent contact with skin.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Very viscous liquid / semi solid: amber to dark yellow-brown.
Colour	Amber to dark yellow-brown.
Odour	Slight - typical
Relative Density	Approx. 0.920 @20°C
Flash Point (°C)	> 200
Refractive Index	No additional data available.
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in oil
Auto-ignition	No additional data available.



temperature (°C)	
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable under the recommended handling and storage conditions.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
No additional data available.
10.4 Conditions to Avoid
Heat, light and the oxygen of the ambient air: degradation and oxidation of the substance.
10.5 Incompatible materials
Avoid contact with strong oxidising agents.
10.6 Hazardous Decomposition Products
In event of fire see section 5.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute Toxicity
Skin corrosion / irritation
Serious eye damage / irritation
Respiratory or skin sensitisation
Germ Cell Mutagenicity
Carcinogenicity
Reproductive toxicity
STOT-single exposure
STOT-repeated exposure
Aspiration hazard
Photo-toxicity
Other Information

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No study has been carried out on this extract for the moment. No ecological problems are to be expected when the product is handled and used with due care and attention. No ecological toxicity is to be feared for this product regarding the main components of the extract.
12.2 Persistence & degradability
The extract is of natural origin, easily 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**

Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION**14.1 UN number**

UN No. Road	Not classified as Dangerous Goods Transportation.
UN No. SEA	Not classified as Dangerous Goods Transportation.
UN No. AIR	Not classified as Dangerous Goods Transportation.

14.2 UN proper shipping name

Not classified as Dangerous Goods Transportation.

14.3 Transport hazard class(es)

Not classified as Dangerous Goods Transportation.

14.4 Packing group

Not classified as Dangerous Goods Transportation.

14.5 Environmental hazards

Not classified as Dangerous Goods Transportation.

14.6 Special precautions for user

No special precautions.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

No special precautions.

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) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108)

EU Legislation

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 information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None - non hazardous product
Other Information	None
Revision Date	01/04/2019
Reason for revision	Updated SDS
Rev No/Repl, SDS Generated	02 replaces 01

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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