

Safety Data Sheet: (s)-AR-Turmerone

Section 1. Identification of the substance/mixture and of the Company

Product identifiers

Product name	(s)-AR-Turmerone	EC Number #	664-010-2
Product Code	ART	Formula	C ₁₅ H ₂₀ O
CAS #	532-65-0	Mol Weight	216.30
RTECS	N.A.		

Intended uses of the substance or mixture and uses advised against

Intended use	Uses advised against:
Only for Research and/or Development	Not for drug, Not to be used in humans or animals. Not food additive

Details of the supplier of the safety data sheet

FERMENTEK Ltd
4 Yatziv street, POB 47120
Jerusalem 97800,
Israel

Tel: +972 2 5853953
Fax: +972 2 5853943
eMail: fermentek@fermentek.com
Website: www.fermentek.com

Emergency Telephone number

For chemical emergency spill, leak, fire, exposure, or accident calls CHEMTREC day or night:
Within USA and Canada: 1-800-424-9300. Outside USA and Canada: +1 703-527-3887

This company is the manufacturer of the product, and the supplier of the safety data sheet

Reach: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

Section 2. Hazards identification

Classification of the substance or mixture

GHS Classification:

Serious eye damage/eye irritation	(Category 2A)	H319	Causes serious eye irritation
Skin sensitization	(Category 1)	H317	May cause an allergic skin reaction
Chronic aquatic toxicity	(Category 2)	H411	Toxic to aquatic life with long lasting effects

GHS Label elements,

Signal word: {warning} Pictogram:



including precautionary statements

GHS Hazard Statements	H411 - Toxic to aquatic life with long lasting effects H319 - Causes serious eye irritation H317 - May cause an allergic skin reaction
GHS Precautionary Statements	P280 - Wear eye protection/ face protection P321 - Specific treatment (see Emergency Phone Number on this SDS)

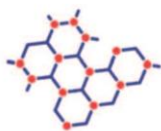
Section 3. Composition/information on ingredients

Substance	(s)-AR-Turmerone
	CAS Registry #:532-65-0; EC#:664-010-2 ; Molecular Formula: C ₁₅ H ₂₀ O ; Molecular Weight: 216.30

Mixture: Not mixture.

Section 4. First Aid Measures

Description of First Aid Measures



General advice:	If medical attention is required, show this safety data sheet to the doctor.
Eye contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin Contact:	Wash skin with soap and water.
Ingestion:	Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water. Clean mouth with water and drink afterwards plenty of water. Call a physician
Inhalation:	Remove to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	None
Hazardous combustion products	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for fire fighting if necessary. Wear protective suit.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up: Cover liquid spill with sand, earth or other non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, and vermiculite). Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable containers for disposal.

Section 7. Handling and storage

Precautions for safe handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe the dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.
Keep out of the reach of children.
Store at -20 °C.

Incompatible materials: None known based on information available.

Section 8. Exposure Controls/Personal Protection

No occupational exposure limits are listed for this material.

OSHA Permissible Exposure Limits No Data Available

NIOSH Recommended Exposure Limits No Data Available

ACGIH Threshold Limit Values No Data Available



Section 12. Ecological Information

Eco-Toxicity May cause long lasting harmful effects to aquatic life
Other adverse effects No further relevant information available.

Section 13. Disposal Considerations

Waste treatment methods	
Waste from residues / unused products	Dispose of in accordance with local regulations
Contaminated packaging	Dispose of as unused product Do not reuse

Section 14. Transport information

UN number, Proper Shipping Name, Transport Hazard Class, packing group

	US DOT	ADR/RID:	IMDG:	IATA
UN Number UN proper shipping name	UN3082 Environmentally hazardous substance, liquid, n.o.s. ((s)-AR-Turmerone)	UN3082 Environmentally hazardous substance, liquid, n.o.s. ((s)-AR-Turmerone)	UN3082 Environmentally hazardous substance, liquid, n.o.s. ((s)-AR-Turmerone)	UN3082 Environmentally hazardous substance, liquid, n.o.s. ((s)-AR-Turmerone)
Transport Hazard Class & Packing Group	9 Pg III	9 Pg III	9 Pg III	9 Pg III
Environmental Hazard		Yes		Yes
Special Provisions	Classification code M6 Tunnel restriction code (E)		274, 335 EmS-No F-A, S-F	A97, A158, A197

Section 15. Regulatory information

Safety, health and environmental regulations/legislation	
USA EPA / TSCA	This product is not listed on the USA EPA TSCA
EU ECHA Status	This product is not registered with the EU ECHA
CA: DSL/NDSL Status	This product is not listed on the Canadian DSL/NDSL
Chemical Safety Report	No information available

Section 16. Other information

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given here is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.



End of SDS *Version of 8-aug-2017 / MGur*