



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** Isopropyl Myristate

**BATCH NUMBER:** 4469908

**DATE OF MANUFACTURE** May 2022

**BEST BEFORE DATE** May 2025

PROPERTY	SPECIFICATION	RESULT
APPEARANCE	CLEAR LIQUID	CONFORMS
ACID VALUE	<0.3	0.1
IODINE VALUE	<1.0	0.1
SAPONIFICATION VALUE	202-212	210
WATER	<0.10	0.03
COLOUR (APHA)	<30	22
ISOPROPYL C14	>98.0	98.8
DENSITY 20°C	0.850-0.855	0.852
REFRACTIVE INDEX (20°C)	1.4340-1.4370	1.4352
ASH	<0.10	<0.1
VISCOSITY 20°	5.0-6.0	6
RSPO CERTIFICATION NO	BVC-RSPO-IT291662	



## FRAGRANCE ALLERGEN DECLARATION

**CAS NUMBER**

110-27-0

**EC NUMBER**

203-751-4

**FEMA NUMBER**

3556

**CHEMICAL NAME**

ISOPROPYL MYRISTATE

We hereby confirm that the above material does not contain the following allergens:

alpha-Amyl Cinnamic Alcohol (101-85-9)  
alpha-Amyl Cinnamic Aldehyde (122-40-7)  
Anisyl Alcohol (105-13-5)  
Benzyl Alcohol (100-51-6)  
Benzyl Benzoate (120-51-4)  
Benzyl Cinnamate (103-41-3)  
Benzyl Salicylate (118-58-1)  
Cinnamic Alcohol (104-54-1)  
Cinnamic Aldehyde (104-55-2)  
Citral (mixture of neral + geranial) (5392-40-5)  
Citronellol (106-22-9)  
Coumarin (91-64-5)  
Eugenol (97-53-0)  
Farnesol (4602-84-0)  
gamma-Methyl Ionone (127-51-5)  
Geraniol (106-24-1)  
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (31906-04-4)  
Hydroxycitronellal (107-75-5)  
Hexyl Cinnamic Aldehyde (101-86-0)  
Iso Eugenol (97-54-1)  
Butylphenyl Methylpropional (80-54-6)  
Limonene (5989-27-5)/(138-86-3)/(5989-54-8)  
Linalool (78-70-6)  
Methyl Heptine Carbonate (111-12-6)  
Oakmoss (68917-10-2/90028-68-5)  
Treemoss (68648-41-9 90028-67-4)

**JUNE 2022**



## CMR CERTIFICATE

### Isopropyl Myristate

**CAS NUMBER**

110-27-0

**EC NUMBER**

203-751-4

**FEMA NUMBER**

3556

**CHEMICAL NAME**

ISOPROPYL MYRISTATE

We hereby declare that we have received confirmation from the Manufacturer to state that the above material does not contain any of the listed CMR products, outlined in Article 15 of the Cosmetics Regulation 1223/2009 (CMR substances of category 1A, 1B, or 2 under Part 3 of Annex IV to Regulation (EC) NO 1272/2008).

**JUNE 2022**



## FLOW CHART

**CAS NUMBER**

110-27-0

**EC NUMBER**

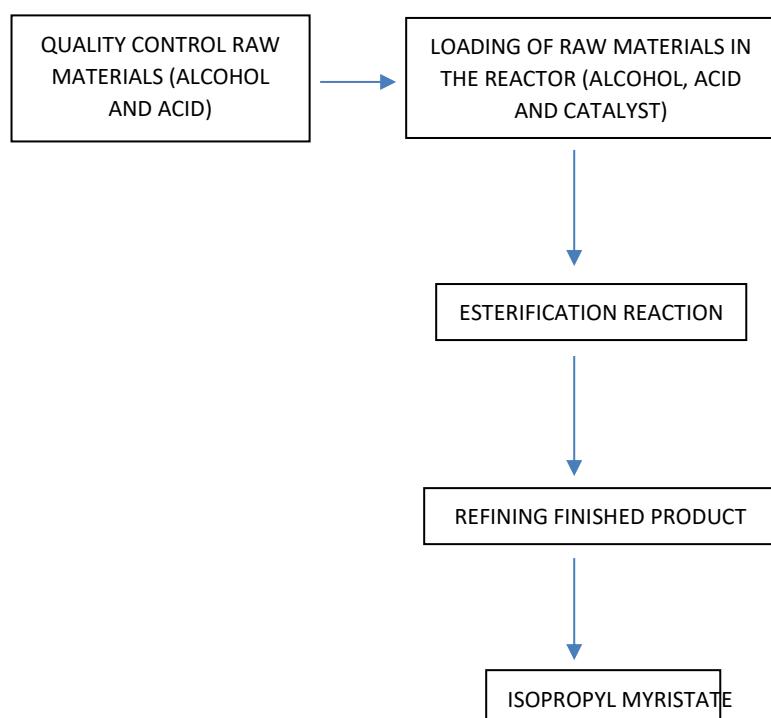
203-751-4

**FEMA NUMBER**

3556

**CHEMICAL NAME**

ISOPROPYL MYRISTATE



**JUNE 2022**



## **GMO STATEMENT**

### **Isopropyl Myristate**

**CAS NUMBER**

110-27-0

**EC NUMBER**

203-751-4

**FEMA NUMBER**

3556

**CHEMICAL NAME**

ISOPROPYL MYRISTATE

We hereby confirm that, to the best of our knowledge, no Genetically Modified Organisms (GMO's) are used in the Production of the above material.

**JUNE 2022**



## IFRA DECLARATION

**CAS NUMBER**

110-27-0

**EC NUMBER**

203-751-4

**FEMA NUMBER**

3556

**CHEMICAL NAME**

ISOPROPYL MYRISTATE

We hereby declare that we have received confirmation from the manufacturer for the above material to state that it conforms the following requirements:

- The product is manufactured as per IFRA code of practices.
- The product is neither restricted nor prohibited by IFRA for use in Fragrances.
- The product conforms to IFRA 50th amendment.

**JUNE 2022**



## SAFETY DATA SHEET

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** Isoprpyl Myristate

**Chemical name** ISOPROPYL MYRISTATE

**REACH registration number** 01-2119541806-35-XXXX

**REACH registration notes** REACH registration only covers products which OQEMA have imported into Europe or sourced within Europe. If the product is sold directly outside Europe this is not covered under the registration. It is the responsibility of the subsequent importer into Europe to ensure their volume of product is covered under the REACH regulations.

**CAS number** 110-27-0

**EC number** 203-751-4

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Use in personal care products Emollient

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Madar Corporation Limited  
  
19 - 20 Sandleheath Industrial Estate  
Fordingbridge  
SP6 1PA  
  
01425 655 555  
technical@madarcorporation.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** EMERGENCY INFORMATION OUT OF OFFICE HOURS CONTACT CARECHEM 24: +44 (0)1270 502891

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

**2.2. Label elements**

EC number 203-751-4

Hazard statements NC Not Classified

**2.3. Other hazards****SECTION 3: Composition/information on ingredients****3.2. Mixtures**

ISOPROPYL MYRISTATE		100%
CAS number: 110-27-0	EC number: 203-751-4	
Classification		
Not Classified		

The full text for all hazard statements is displayed in Section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General information</b>	In all cases of doubt, or when symptoms persist, seek medical attention.
<b>Inhalation</b>	Keep patient calm, remove to fresh air, seek medical attention. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms are severe or persist after washing.
<b>Protection of first aiders</b>	No information available.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>General information</b>	No information available.
<b>Inhalation</b>	No information available.
<b>Ingestion</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Eye contact</b>	No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Specific treatments No information available.

Notes for the doctor No information available.

19-20 Sandealth Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk



## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** No information available.

**Hazardous combustion products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). toxic pyrolysis products

### 5.3. Advice for firefighters

**Protective actions during firefighting** Evacuate area. Cool container with water spray from a safe distance Avoid breathing fire gases or vapours. Extinguishing materials should be selected according to the surrounding area Contain and collect extinguishing water. Control run-off water by containing and keeping it out of sewers and watercourses. Fight fire with normal precautions from a reasonable distance.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Immediately evacuate personnel to safe areas. Remove all sources of ignition. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Take care as floors and other surfaces may become slippery.

**For non-emergency personnel** No information available.

**For emergency responders** No information available.

### 6.2. Environmental precautions

**Environmental precautions** Do not allow product to reach soil, waterways, drains and sewers. Retain contaminated washing water and dispose Inform the relevant authorities if the product has caused environmental pollution (soil, waterways, drains or sewers).

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal-binding agents). Collect waste in suitable containers, which can be labelled and sealed. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

**Reference to other sections** See Section 7 for information on safe handling. For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Ensure adequate ventilation, especially in confined areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Keep container tightly sealed when not in use.

**Advice on general occupational hygiene**

Avoid contact with eyes and skin. Follow good hygiene practices. Eye wash facilities and emergency shower must be available when handling this product. Wash contaminated skin thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities****Storage precautions**

Keep away from incompatible materials (see section 10) and food and drink. Protect from sunlight. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures not exceeding 60°F. Only store in correctly labelled containers.

**Storage class**

No information available.

**7.3. Specific end use(s)****Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**Usage description**

No information available.

**SECTION 8: Exposure controls/Personal protection****8.1. Control parameters****Occupational exposure limits**

No information available.

**Ingredient comments**

No information available.

**Biological limit values**

No information available.

**DNEL**

Workers - Inhalation; Long term systemic effects: 23.5 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 33 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 5.79 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 16 mg/kg/day  
 General population - Oral; Long term systemic effects: 1.6 mg/kg/day

**DMEL**

No information available.

**PNEC**

- Sediment (Freshwater); 1.44 mg/kg  
 - Sediment (Marinewater); 1.44 mg/kg  
 - Soil; 20 mg/kg

**8.2. Exposure controls****Protective equipment****Appropriate engineering controls**

Provide adequate ventilation. Emergency shower and eye wash facilities should be readily available

**Personal protection**

No information available.

**Eye/face protection**

Chemical goggles or safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

**Hand protection**

Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374. As the product is a preparation of several substances, the resistance of the glove material has to be checked prior to the application.

<b>Other skin and body protection</b>	Chemical resistant boots should comply with European standard EN345. Body protection must be chosen depending on activity and possible exposure, eg. apron, protecting boots, chemical-protection suit (according to DIN-EN 465).
<b>Hygiene measures</b>	Avoid contact with skin, eyes and clothing General industrial hygiene practice Keep away from foodstuffs, beverages and feed. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	For insufficient ventilation, wear suitable respiratory protection. Gas filter for gases/vapours of organic compounds (boiling point >65°C, e.g. EN 14387 Type A)
<b>Thermal hazards</b>	No information available.
<b>Environmental exposure controls</b>	The product should not be allowed to enter drains, water courses or the soil Local authorities should be advised if significant spillages cannot be contained

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Odourless.
<b>Odour threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	3°C klimisch 2 1996
<b>Initial boiling point and range</b>	193°C @ 20 mm Hg 140°C @ 2 mm Hg klimisch 2 2005
<b>Flash point</b>	150-168°C Open cup. klimisch 2 2009
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Other flammability</b>	No information available.
<b>Vapour pressure</b>	0.012 Pa @ 25°C klimisch 2 1989
<b>Vapour density</b>	No information available.
<b>Relative density</b>	853.2 kg/m <sup>3</sup> @ 20°C klimisch 2 2005
<b>Bulk density</b>	No information available.
<b>Solubility(ies)</b>	<50 µg/L water @ 20°C klimisch 2 1995 EU A.6
<b>Partition coefficient</b>	log Pow: 7.71 klimisch rating 2 1992
<b>Auto-ignition temperature</b>	225°C klimisch rating 2 2010 EU Method A.15
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	Kinematic viscosity. 3.932 mm <sup>2</sup> /s @ 40°C klimisch rating 2 2009
<b>Explosive properties</b>	Not explosive

**Explosive under the influence of a flame** No information available.

**Oxidising properties** Does not meet the criteria for classification as oxidising.

**Comments** No information available.

## **9.2. Other information**

**Other information** No information available.

**Refractive index** No information available.

**Particle size** No information available.

**Molecular weight** No information available.

**Volatility** No information available.

**Saturation concentration** No information available.

**Critical temperature** No information available.

**Volatile organic compound** No information available.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

**Reactivity** No information available.

### **10.2. Chemical stability**

**Stability** Stable under the prescribed storage and handling conditions.

### **10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

### **10.4. Conditions to avoid**

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid direct sunlight and all heat sources.

### **10.5. Incompatible materials**

**Materials to avoid** Acids. Bases. Oxidising agents.

### **10.6. Hazardous decomposition products**

**Hazardous decomposition products** None if handled and used properly.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

**Toxicological effects** No information available.

**Other health effects** No information available.

#### **Acute toxicity - oral**

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Oral, Rat KLIMISCH RATING 1 1988 OECD 401 EU Method B.1

#### **Acute toxicity - dermal**

**Notes (dermal LD<sub>50</sub>)** No information available.

#### **Acute toxicity - inhalation**

<b>Notes (inhalation LC<sub>50</sub>)</b>	LC50 >5.3 mg/l, Inhalation, Rat klimisch 2 2010 OECD 436
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Not irritating.
<b>Animal data</b>	Dose: 0.5 ml, 4 hours, Rabbit Not irritating. Klimisch rating 1 1986 OECD 404
<b>Human skin model test</b>	No information available.
<b>Extreme pH</b>	No information available.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Dose: 0.1 ml, single exposure , Rabbit Not irritating. klimisch rating 2 1977 OECD405
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. klimisch 2 1984 OECD 406
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Bacterial reverse mutation test: Negative. Klimisch rating 1 2014 OECD 471
<b>Genotoxicity - in vivo</b>	No information available.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b>Target organ for carcinogenicity</b>	No information available.
<b>IARC carcinogenicity</b>	No information available.
<b>NTP carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	One-generation study - NOAEL 5500 mg/kg/day, Oral, Rat P0 klimisch 2 2004
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEL: 1000 mg/kg/day, Oral, Rat Klimisch rating 2 1994 OECD 414
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	No information available.
<b>Target organs</b>	No information available.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEL 5500 mg/kg/day, Oral, Rat klimisch 2 2004 OECD 408
<b>Target organs</b>	No information available.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	No information available.
<b><u>Toxicokinetics</u></b>	
<b>Toxicokinetics</b>	No information available.
<b>General information</b>	No information available.
<b>Inhalation</b>	No information available.
<b>Ingestion</b>	No information available.

<b>Skin contact</b>	No information available.
<b>Eye contact</b>	No information available.
<b>Acute and chronic health hazards</b>	No information available.
<b>Route of exposure</b>	No information available.
<b>Target organs</b>	No information available.
<b>Medical symptoms</b>	No information available.
<b>Medical considerations</b>	No information available.

## SECTION 12: Ecological information

<b>Ecotoxicity</b>	No information available.
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### 12.1. Toxicity

<b>Toxicity</b>	No information available.
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#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: >1000 mg/l, <i>Lepomis macrochirus</i> (Bluegill) klimisch rating 2 1979
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<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: <100 mg/l, <i>Daphnia magna</i> klimisch rating 1 1995 EU method C.2
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<b>Acute toxicity - aquatic plants</b>	EL50, 72 hours: 281.37 mg/l, <i>Skeletonema costatum</i> klimisch rating 2 2000 ISO 10253
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<b>Acute toxicity - microorganisms</b>	EC <sub>50</sub> , 18 hours: >10 mg/l, <i>Pseudomonas putida</i> klimisch rating 2 1988
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<b>Acute toxicity - terrestrial</b>	No information available.
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#### Chronic aquatic toxicity

<b>Chronic toxicity - fish early life stage</b>	No information available.
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<b>Short term toxicity - embryo and sac fry stages</b>	No information available.
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<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: >=100 mg/l, <i>Daphnia magna</i> EC <sub>50</sub> , 21 days: >100 mg/l, <i>Daphnia magna</i> klimisch rating 2 1995 OECD 202
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<b>Toxicity to soil</b>	No information available.
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<b>Toxicity to terrestrial plants</b>	No information available.
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### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	No information available. 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 14 of 20
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<b>Phototransformation</b>	No information available.
<b>Stability (hydrolysis)</b>	No information available.
<b>Biodegradation</b>	Water - Degradation 91.4: 28 days Readily biodegradable klimisch rating 2 1993 OECD 301B
<b>Biological oxygen demand</b>	No information available.
<b>Chemical oxygen demand</b>	No information available.

### **12.3. Bioaccumulative potential**

<b>Bioaccumulative potential</b>	BCF: 2765 l/kg, BCF: 122.1 l/kg, klimisch rating 2 2010
<b>Partition coefficient</b>	log Pow: 7.71 klimisch rating 2 1992

### **12.4. Mobility in soil**

<b>Mobility</b>	No information available.
<b>Adsorption/desorption coefficient</b>	- log Koc: 4.08-4.83 @ 25°C klimisch rating 2 2010
<b>Henry's law constant</b>	No information available.
<b>Surface tension</b>	No information available.

### **12.5. Results of PBT and vPvB assessment**

<b>Results of PBT and vPvB assessment</b>	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII
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### **12.6. Other adverse effects**

<b>Other adverse effects</b>	No information available.
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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

<b>General information</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Disposal methods</b>	Do not discharge into drains or the environment, dispose to an authorised waste collection point. Contaminated packaging material should be treated at the product.
<b>Waste class</b>	No information available.

## **SECTION 14: Transport information**

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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### **14.1. UN number**

Not applicable.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

No transport warning sign required.

19-20 Sande Heath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code****Transport in bulk according to** Not applicable.**Annex II of MARPOL 73/78****and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations** No information available.

**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) (as amended).  
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** No information available.**Health and environmental listings** No information available.**Authorisations (Annex XIV Regulation 1907/2006)** No information available.**Restrictions (Annex XVII Regulation 1907/2006)** No information available.**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**Inventories****EU - EINECS/ELINCS**

No information available.

**Canada - DSL/NDSL**

No information available.

**US - TSCA**

No information available.

**US - TSCA 12(b) Export Notification**

No information available.

**Australia - AICS**

No information available.



**Japan - ENCS**

No information available.

**Korea - KECI**

No information available.

**China - IECSC**

No information available.

**Philippines – PICCS**

No information available.

**New Zealand - NZIOC**

No information available.

**Taiwan - TCSI**

No information available.

**South Korea****SECTION 16: Other information****Abbreviations and acronyms  
used in the safety data sheet**

ATE: Acute Toxicity Estimate.  
 NIOSH: The National Institute for Occupational Safety and Health.  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ECHA: European Chemicals Agency  
 CAS: Chemical Abstracts Service.  
 DNEL: Derived No Effect Level.  
 Kow: Octanol-water partition coefficient.  
 LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
 LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 PNEC: Predicted No Effect Concentration.  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
 SVHC: Substances of Very High Concern.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 BCF: Bioconcentration Factor.  
 EC<sub>50</sub>: 50% of maximal Effective Concentration.  
 STOT (SE): Single Exposure  
 STOT (RE): Repeated Exposure  
 STOT: Specific Target Organ Toxicity  
 QSAR: Qualitative Structure Activity Relationship  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
 PNEC: Predicted No Effect Concentration(s)  
 PBT: Persistent, Bioaccumulative and Toxic substance  
 OSHA: European Agency for Safety and Health at work  
 OECD: Organization for Economic Co-operation and Development  
 SDS: Safety Data Sheet  
 MSDS: Material Safety Data Sheet  
 LC50: Lethal Concentration to 50 % of a test population  
 LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)  
 NOEC: No Observed Effect Concentration.  
 NOAEL: No Observed Adverse Effect Level.

<b>General information</b>	No information available.
<b>Key literature references and sources for data</b>	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> Material Safety Data Sheet, Misc. manufacturers.
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	No information available.
<b>Training advice</b>	No information available.
<b>Revision comments</b>	This is the first issue.
<b>Revision date</b>	22/11/2021
<b>Revision</b>	000
<b>SDS number</b>	23409



## **PRODUCT SPECIFICATION**

CAS No: 110-27-0

EC No: 203-751-4

FEMA No: 3556

REACH No: 01-2119541806-35-XXXX

Rev: 01

Date: 09/11/2021

INCI NAME: ISOPROPYL MYRISTATE

CHARACTERISTIC	SPECIFICATION
APPEARANCE	CLEAR LIQUID
COLOUR APHA RANGE	30 MAX.
ACID VALUE mKOH/g	0.30 MAX.
SAPONIFICATION VALUE mKOH/g	202 - 212
IODINE NUMBER $\text{gI}_2/100\text{g}$	0.50 MAX
WATER (K.F.) %	0.10 MAX.
ASHES %	0.10 MAX.
VISCOSITY 25°C cPs	5 - 6
CONTENT C14 %	98-100
DENSITY 20°C g/ml	0.850 – 0.855
REFRACTIVE INDEX 20°C	1.434 – 1.437
SPECIFIC GRAVITY 20°C g/ml	0.850 – 0.855

## **APPLICATIONS:**

Isopropyl Myristate is an emollient used in a wide range of formulations thanks to its ability to give a rich feel and to moisturise dry skin. It is also a solubilizer for perfumes and fragrances. Isopropyl Myristate is compliant to RSPO Standard (Supply Chain Model: Mass Balance).

## **PACKAGING AND STORAGE:**

If stored at a temperature between 5° and 35°C, the product is stable for 12 months.



## VEGAN SUITABILITY STATEMENT

### Isopropyl Myristate

**CAS NUMBER**

110-27-0

**EC NUMBER**

203-751-4

**FEMA NUMBER**

3556

**CHEMICAL NAME**

ISOPROPYL MYRISTATE

We hereby confirm that, to the best of our knowledge, the whole production process of the above material, and the end product, is not processed with any animal products, and is suitable for a vegetarian and vegan use.

**JUNE 2022**