Certificate of Analysis

Isopropyl Myristate

Batch Number: **4436205**
Best Before Dae: **June 2024**

Description	Unit	Specification	Result	Test Method
Acid Value	Mg KOH/g	0.5 max	0.0	AOCS Te 2a – 64 : 2009
Ash Content	%	0.1 max	Complies	AOCS Tm 1a – 64 : 2011
Colour Apha	APHA	30 max	10	AOCS Td 1b – 64 : 2009
Density at 20°C	g/cm³	0.852 – 0.855	0.855	AOCS To 1b-64: 2009
Iodine Value	%I2	1.0 max	0.1	AOCS Tg 1a – 64: 2009
Moisture	%	0.1 max	0.0	AOCS Tb 2-64 : 2009
Peroxide Value	Meq/kg	0.6 max	Complies	AOCS Cd 8-53 : 2009
Refractive Index at 20°C	-	1.434 – 1.437	1.435	AOCS Tp 1a – 64 : 2009
Saponification Value	Mg KOH/g	206 - 211	209	AOCS T1 1a-64:2009
Viscosity at 20°C	mPas	5 - 6	Complies	APAG-FA-004:1987
C14 Ester	%	98 min	99	AOCS Ce Le-91:1997

The analysis provided above is provided by our suppliers.
The provision of such certificates shall not relieve the buyers from any consequence of their failure where a reasonable opportunity has been afforded them to check the goods and ensure their suitability for the purpose for which they are intended and/or whether the goods are satisfactory.

Dear Sirs

RE: Food Allergens

Food Allergens which are regulated under the REGULATION (EU) No 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2011 on the provision of food information to consumers, amending Regulations (EC) No 1924/2006 and (EC) No 1925/2006 of the European Parliament and of the Council, and repealing Commission Directive 87/250/EEC, Council Directive 90/496/EEC, Commission Directive 1999/10/EC, Directive 2000/13/EC of the European Parliament and of the Council, Commission Directives 2002/67/EC and 2008/5/EC and Commission Regulation (EC) No 608/2004
'ANNEX II'

SUBSTANCES OR PRODUCTS CAUSING ALLERGIES OR INTOLERANCES
1. Cereals containing gluten namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof, except:
(a) wheat-based glucose syrups including dextrose (1);
(b) wheat-based maltodextrins (1);
(c) glucose syrups based on barley;
(d) cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin;
2. Crustaceans and products thereof;
3. Eggs and products thereof;
4. Fish and products thereof, except:
(a) fish gelatine used as carrier for vitamin or carotenoid preparations;
(b) fish gelatine or Isinglass used as fining agent in beer and wine;
5. Peanuts and products thereof;
6. Soybeans and products thereof, except:
(a) fully refined soybean oil and fat (1);
(b) natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, and natural D-alpha tocopherol succinate from soybean sources;
(c) vegetable oils derived phytosterols and phytosterol esters from soybean sources;
(d) plant stanol ester produced from vegetable oil sterols from soybean sources;
7. Milk and products thereof (including lactose), except:
(a) whey used for making alcoholic distillates including ethyl alcohol of agricultural origin;
(b) lactitol;

8. Nuts, namely: almonds (Amygdalus communis L.), hazelnuts (Corylus avellana), walnuts (Juglans regia), cashews (Anacardium occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K.

Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts (Pistacia vera), macadamia or Queensland nuts (Macadamia ternifolia), and products thereof, except for nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin;
9. Celery and products thereof;
10. Mustard and products thereof;
11. Sesame seeds and products thereof;
12. Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO2 which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers;
13. Lupin and products thereof;
14. Molluscs and products thereof.

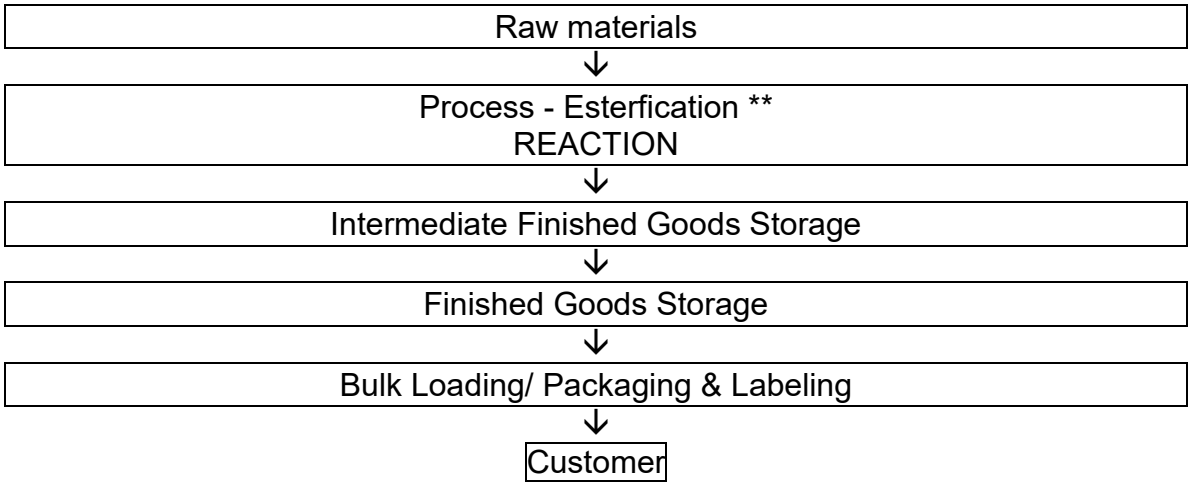
(1) And the products thereof, in so far as the process that they have undergone is not likely to increase the level of allergenicity assessed by the Authority for the relevant product from which they originated.

We hereby declare that none of the above Components are used directly in the manufacture of our product(s)

Isopropyl Myristate

We hope that the above information will be of help to you in your use of our products.
Yours faithfully

ISOPROPYL MYRISTATE Flowchart



Users are advised to evaluate the product for conformity and suitability for the intended use.

** Esterfication is the general name for a chemical reaction in which two reactants (typically an alcohol and an acid) form an ester as the reaction product. The product is NOT derived directly from vegetable oils and fats.

Dear Sirs

RE: Non-GMO

19 October 2015

Isopropyl Myristate

is derived from natural occurring vegetable oils and free from Genetically Modified Organism (GMO) source.

We hope that the above information will be of help to you in your use of our products.
Yours faithfully

SAFETY DATA SHEET

ISOPROPYL MYRISTATE

Compilation date: 01/04/2020

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ISOPROPYL MYRISTATE **REACH**

registered number(s): 01/2119541806-35

CAS number: 110-27-0

EINECS number: 203-751-4

Synonyms: IPM

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

1.3. Details of the supplier of the safety data sheet

Company name: Madar Corporation Limited

19 - 20 Sandleheath Industrial Estate

Fordingbridge

SP6 1PA

Tel: ++44 1425 655 555

Email: technical@madarcorporation.co.uk

1.4. Emergency telephone number

Emergency tel: ++44 151 317 5000 (Mon-Fri, 0900-1700hrs)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: OLEOEST IPM ISOPROPYL MYRISTATE

CAS number: 110-27-0

[cont...]

EINECS number: 203-751-4
REACH registered number(s): 01/2119541806-35
Contains: Isopropyl myristate

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

[cont...]

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 170

Melting point/range°C: <0

Flash point°C: 150

Autoflammability°C: 225

Relative density: 0.850

9.2. Other information

Other information: No data available.

[cont...]

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Serious eye damage/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

[cont...]

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of as normal industrial waste. Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

[cont...]

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

Isopropyl Myristate

EINECS-No. 203-751-4
CAS No. 110-27-0

Specification

Parameter	Unit	Min	Max	Method
Acid Value	mg KOH/g	0.0	0.1	USP/EP/ASTM D1980-87
Iodine Value	g/100g		0.5	USP/EP/ASTM D5554-95
Cloud Point	deg C		0	ASTM D2500-81
Moisture	%		0.1	EP/ASTM D1744-92
C14 Ester Assay	%	98		USP/EP/In house method
USP/NF Monograph	-		Complies	USP/NF
European Pharmacopoeia Monograph	-		Complies	EP
Specific Gravity at 25 C	-	0.846	0.854	USP
*Saponification Value	mg KOH/g	206	211	USP/EP/ASTM D5558-95
*Refractive Index N20/D	-	1.434	1.437	USP/EP/ASTM D1747-99
*Residue on Ignition	%		0.1	USP
*Appearance of Solution	-		Complies	EP
*Dynamic Viscosity	mPa.s	5	6	EP/ASTM D445-88
*Total Ash	%		0.1	EP
*Relative Density 20/20 C	-	0.850	0.855	ASTM D1298-85
*Para-toluenesulphonic Acid	mg/kg		7	In house method

* Parameter is not tested on every batch and is determined statistically.

To whom it may concern,

24/10/18

RE: Vegan Statement

We hereby confirm that based on non-animal testing statements and BSE/TSE statements that our product **Isopropyl Myristate** does not contain any animal or animal derived ingredients and no animal or animal derived ingredients are used at any stage of their manufacture.