



CERTIFICATE OF ANALYSIS
STEARIC ACID BP

Batch No:4400613
Best Before End: June 2023

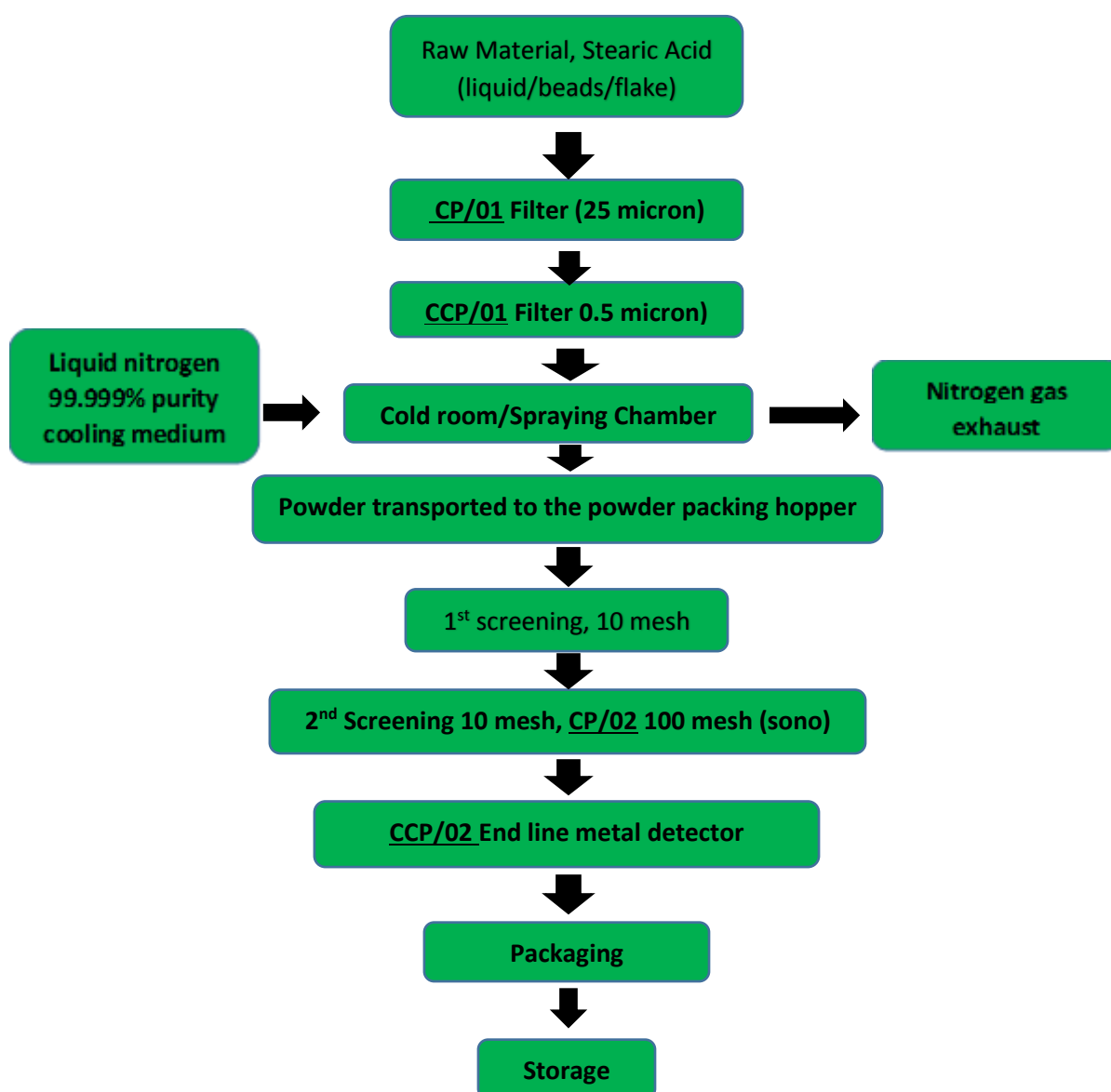
TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	206 – 210	209.06
Iodine Value (gI ₂ /100g)	1.0 maximum	0.30
Melting Point (°C)	54 - 56	56..0
Mineral Acid	Passes	Pass
Heavy Metals	Passes	Pass
Sulphated Ash	0.1% maximum	Pass
Colour Lovibond (5.25" cell)	5.0 Yellow maximum	0.9
	0.5 Red maximum	0.1
Sieve Analysis 44 mesh	1% maximum retained	Pass
Saponification Value (mg KOH/g)	205 - 214	Pass
C18	40 - 60	44.53%
C16 + C18	90 minimum	99.59%

We certify this material complies with EP/BP parameters and is derived from vegetable based sources.

Product Name	Stearic Acid Powder BP				
INCI Name	-				
Date	15/03/2018	Product Code	RMSTEAR	Revision	1

ALLERGEN	Present Y/N	Comments
Cereal containing gluten (i.e. wheat, rye, Barley, oats, spelt, kamut or their hybridized Strains) and products thereof	N	-
Crustaceans & products thereof	N	-
Eggs & products thereof	N	-
Fish & products thereof	N	-
Peanuts & products thereof	N	-
Soybeans & products thereof	N	-
Milk & products thereof	N	-
Nuts (i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut) and Products thereof (This list is not exhaustive)	N	-
Celery & products thereof	N	-
Mustard & products thereof	N	-
Sesame seeds & products thereof	N	-
Sulphur dioxide & sulphites at concentrations > 10 mg/kg or 10 mg/litre	N	-
Lupin and products thereof	N	-
Molluscs and products thereof	N	-

Product Name	Stearic Acid Powder BP
Date	16.03.2018



Document Date:

March 2018

STATEMENT

We hereby certify that our Stearic Acid Powder BP, is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing and purifying of the oil.

MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name	Stearic Acid BP Powder				
Biological Definition	-				
INCI Name	-				
Synonyms & Trade Names	Stearic Acid and Palmitic Acid Octadecanoic acid and hexadecanoic acid Stearic acid 1843 powder				
Reach Registration Number	Pre-registered Fatty acids C16-18				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	67701-03-5	EC No.	-	EINECS No.	266-928-5

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	No additional data available
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA Email: sales@madarcorporation.co.uk Tel: 012425 655555 Approved Sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds
1:4 – Emergency Telephone number	
Contact telephone number	

02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (EC 1272/2008)	This substance has no classification under CLP
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	This product has no label elements
2:3 - Other hazards	
Signal Word	None
Contains	No hazardous substances

MATERIAL SAFETY DATA SHEET

Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	This product is not identified as a PBT/vPvB substance
Adverse physio-chemical properties	None
Adverse effects on human health	None
Other Hazards	Combustible. In use, may form flammable/ explosive dust-air mixture.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	Stearic acid BP powder Contains: Stearic acid and Palmitic acid
3:2 - Mixtures	
Mixtures	Not applicable

04. FIRST AID MEASURES

4:1 – Description of first aid measures	
Inhalation	Consult a Doctor
Ingestion	Wash out mouth with water
Skin Contact	Wash immediately with plenty of soap and water
Eye Contact	Bathe the eye with running water for 15 minutes
4:2 – Most important symptoms and effects, both acute and delayed	
Symptoms and effects	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: There may be irritation of the throat with a feeling of tightness in the chest.

MATERIAL SAFETY DATA SHEET

4:3 – Indication of any immediate medical attention and special treatment needed

Special requirements	Not applicable
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05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media

Suitable extinguishing Media	Suitable extinguishing media for the surrounding fire should be used.
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Unsuitable extinguishing Media-DO NOT USE	No additional data available
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5:2 - Special Hazards arising from substance or mixture

Specific hazards	In combustion emits toxic fumes. May form flammable/ explosive dust- air mixture.
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5:3 – Advice for firefighters

Special firefighting procedures/ protective actions.	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.

Personal precautions	Refer to section 8 for personal protection details.
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6:2 - Environmental Precautions

Environmental Precautions	Do not discharge into drains or rivers.
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6:3 – Methods and materials for containment and cleaning up

Spill Clean Up Methods	Wash the spillage site with large amounts of water.
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6:4 – Reference to other sections


MATERIAL SAFETY DATA SHEET

Reference to other sections	Section 8 – Exposure controls/ personal protection for further information on personal precautions, Section 13 – Disposal considerations for further information on waste treatment.
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07. HANDLING AND STORAGE

7:1 – Precautions for safe handling	
Usage precautions	Avoid the formation or spread of dust in the air.
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	Store in a cool, well ventilated place.
Suitable Packaging	In bulk liquid store at about 5-10 deg C above melting point. Temperature higher than necessary degrades quality at rates dependent on time and temperature.
7:3 – Specific end use (s)	
End Uses	No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8:1 – Control parameters	
Components with workplace control parameters	Not applicable
8:2 – Exposure controls	
Protective Equipment	
Process conditions	No additional data available
Engineering Measures	Ensure there is sufficient ventilation of the area.
Respiratory Equipment	Respiratory protection device with particle filter.

MATERIAL SAFETY DATA SHEET

Hand Protection	Protective gloves.
Eye Protection	Safety glasses, ensure eye bath is to hand.
Other Protection	No additional data available
Hygiene Measures	Good personal hygiene practices should always be observed.
Personal protection	No additional data available
Skin protection	Protective clothing.
Environmental exposure controls	No additional data available

09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.

Appearance	Powder
Colour	White
Odour	Barely perceptible odour
Relative Density @75°C	No additional data available
Flash Point (°C)	>200
Evaporation Rate	Negligible
Melting Point (°C)	55-60
Boiling Point (°C)	>300
Oxidising	Non-oxidising (by EC criteria)
Solubility in Water @20°C	Insoluble in water, soluble in most organic solvents.
Auto flammability (°C)	>250

9:2 - Other information

Other Information	No additional data available.
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10. STABILITY AND REACTIVITY

10:1- Reactivity

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Reactivity	Stable under recommended transport and storage conditions
10:2 - Chemical stability	
Stability	Stable under normal conditions
10:3 - Possibility of hazardous reactions	
Possible 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	
Incompatible materials	Strong oxidising agents, strong acids.
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	In combustion emits toxic fumes

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects					
Acute Toxicity					
	Route	Species	Test	Value	Units
	ORL	RAT	LD50	>10000	mg/kg
Skin corrosion / irritation	There may be mild irritation at the site of contact.				
Serious eye damage / irritation	There may be irritation and redness				
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.				
Ingestion	There may be irritation of the throat.				

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Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12:1- Toxicity	
Ecotoxicity	No additional data available.
12:2 - Persistence & degradability	
Persistence & degradability	Biodegradable
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No Bioaccumulation potential
12:4 – Mobility in soil	
Mobility	Non-volatile. Insoluble in water. Floats on water.
12:5 – Results of PBT and vPvB assessment	

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PBT Assessment Results	This product is not identified as a PBT or vPvB substance
12:6 Other adverse effects	
Precautions	Negligible ecotoxicity

13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods	
Disposal Methods	<p>Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Deposit into or on to land (e.g. landfill, etc.)</p> <p>Disposal of packaging: Dispose of as normal industrial waste.</p> <p>NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.</p>

14. TRANSPORT INFORMATION

Warning Icon	This product does not require a classification for transport.
14:1 – UN Number	
UN No Road – ADR/RID/ADN	Not applicable
UN No Sea- IMDG	Not applicable
UN No Air –IATA	Not applicable
14:2 – UN proper shipping name	
Road – ADR/RID/ADN	Not applicable
Sea- IMDG	Not applicable
Air -IATA	Not applicable
14:3 – Transport Hazard class (es)	

MATERIAL SAFETY DATA SHEET

Road – ADR/RID/ADN	Not applicable
Sea- IMDG	Not applicable
Air-IATA	Not applicable
14:4 - Packaging group	
Road – ADR/RID/ADN	Not applicable
Sea- IMDG	Not applicable
Air - IATA	Not applicable
14:5 – Environmental hazard	
Environmentally hazardous substance/ marine pollutant.	No additional data available.
14:6 - Special precautions for user	
Precautions	No additional data available
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	No additional data available

15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
EU Directives	<p>Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and</p>

MATERIAL SAFETY DATA SHEET

	Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
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. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
15:2 Chemical Safety assessment	
Assessment information	A chemical assessment for this product has not been carried out.

16. OTHER INFORMATION

Revision Date	11.10.2016
Rev No/Repl, SDS Generated	4
Change Description	Updated to new MSDS format
Changes made by	M Cole
Review Date	11.10.2018
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	None

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.

Product Name		Stearic Acid BP Powder			
Date	11/10/2016	Product Code	RMSTEA	Rev	4
Reason for Revision		To Comply with suppliers updated Specification			

Description	Stearic Acid Powder BP				
Appearance	White Powder				
Odour	Barely perceptible odour				
INCI Name	-				
CAS Number	67701-03-5	EC Number	266-928-5		

TEST SPECIFICATION

Analytical Test	Specification Range
Freezing point °C (Id A)	54-56
Iodine Value g (I ₂ /100g)	0.0-1.0
Acid Value (Id B) mgKOH/g	206-210
Colour max., (Lovibond 5¼" Cell)	5.0Y 0.5R
Composition C18 (%)	40-60
Composition C16-C18 (%)	90 min
Identification C	Complies with monograph
Appearance	T ₇ or BY ₇
Acidity	Complies with monograph
Nickel (ppm)	0.0-1.0
Appearance at 20°C	White Powder
Heavy Metals as Pb (ppm)	0.0-10
Residue on ignition (%)	0.0-0.1
Residual Solvent Ph Eur (5.4)	Complies
Solubility	Practically insoluble in water; Soluble in ethanol 96% and in light petroleum.

OTHER INFORMATION

Tests according to Ph Eur 1474. Material complies with Stearic Acid 50 Ph Eur 1474.
100% Vegetable Origin.

STABILITY

When stored for more than 24 months, quality should be checked before use.

As received from our supplier.

Document Date: February 2019

VEGAN STATEMENT

We hereby certify that our Stearic Acid Powder BP is suitable for vegans.