# MYSTIC M©MENTS Certificate of Analysis

Product Name	SPEARMINT OIL ORGANIC		
Product Code	OCSPEA		
Tariff Number	33012510		
Country of Origin	India		
	4449501		
Batch Number			
Best Before End	October 2024		
Identification	CAS No: 84696-51-5	EC No: 283-656-2	
	Alternate CAS: 8008-79-5	FEMA: 3032	
PHYSICAL AND CHEMIC			
	SPECIFICATION RANGE	RESULTS	
Appearance	Liquid	Conforms	
Colour	Colourless to Pale Yellow	Conforms	
Odour	Characteristic odour of Spearmint	Conforms	
Relative Density @ 25°C	0.910 - 0.953	0.9226	
Refractive Index @ 20°C	1.480 - 1.498	1.486	
Flash Point °C	≥63	Conforms	
Optical Rotation <sup>°</sup>	-48 to -65	-56.7	
HEAVY METALS			
Arsenic	<3ppm	Conforms	
Lead	<3ppm	Conforms	
Cadmium	<1ppm	Conforms	
Mercury	<0.1ppm	Conforms	
STORAGE AND SHELF LI	E		
Storage	Store in tightly closed container with minimum headspace in a cool, dark an dry place.		

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

# MYSTIC M©MENTS

# CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

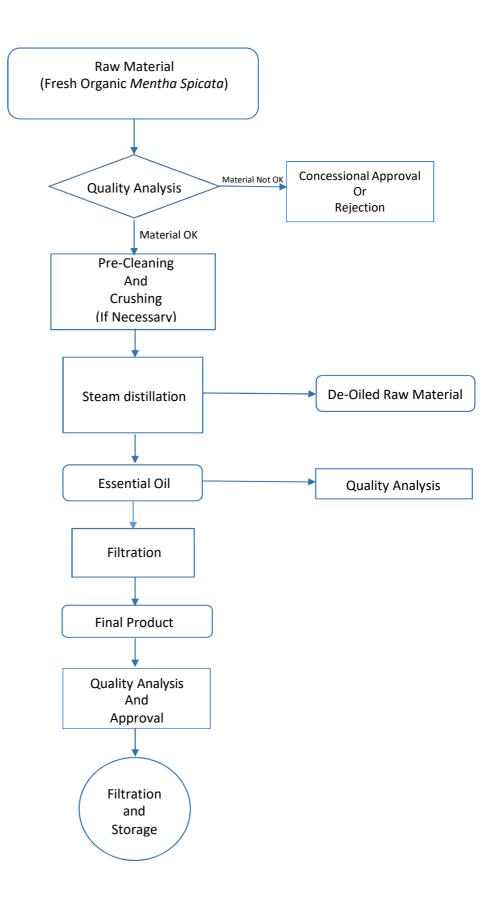
However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

Product: Spearmint Oil Organic

14 May 2021

# MYSTIC M©MENTS

#### PROCESS FLOWCHART FOR SPEARMINT OIL ORGANIC



# MYSTIC M@MENTS

## SAFETY DATA SHEET SPEARMINT OIL ORGANIC

SECTION 1: Identification of	the substance/mixture and of the company/undertaking		
1.1. Product identifier			
Product name	SPEARMINT OIL ORGANIC		
Product number	OCSPEA		
Synonyms; trade names	Mentha Spicata Oil		
CAS number	84696-51-5		
Alternative Cas Number	8008-79-5		
EC number	283-656-2		
FEMA No:	3032		
1.2. Relevant identified uses	of the substance or mixture and uses advised against		
Identified uses	Industrial, only for professional use		
1.3. Details of the supplier of	1.3. Details of the supplier of the safety data sheet		
Supplier	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate		
	Fordingbridge		
	Hampshire		
	SP6 1PA		
	Tel. +44 1425 655555 (Opening Hours 9am - 5pm)		
	e-mail technical@madarcorporation.co.uk		
1.4. Emergency telephone nu	umber		
SECTION 2: Hazards identified			
2.1. Classification of the subs	stance or mixture		
Classification (EC 1272/2008			
Physical hazards	Not Classified		
Health hazards	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304		
Environmental hazards	Aquatic Chronic 2 - H411		
2.2. Label elements			
EC number	283-656-2		
Hazard pictograms			
(!)			
Signal word	Danger		

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

Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. H304 May be fatal if swallowed and enters airways.
Precautionary statements	<ul> <li>P261 Avoid breathing vapour/ spray.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</li> <li>P331 Do NOT induce vomiting.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	L-CARVONE, (S)-p-mentha-1,8-diene, 1, 8 cineole, 7-methyl-3-methyleneocta-1,6-diene, Alpha Pinene, Beta Pinene
Supplementary precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P391 Collect spillage.</li> <li>P405 Store locked up.</li> </ul>

#### 2.3. Other hazards

SECTION 3: Composition/information on ingredients	
	50-85%
EC number: 229-352-5	
	21-35%
EC number: 227-815-6	
M factor (Chronic) = 1	
	0.01-3.5%
EC number: 209-667-4	
	EC number: 229-352-5 EC number: 227-815-6 M factor (Chronic) = 1

1, 8 cineole		0.01-4.5%
CAS number: 470-82-6	EC number: 207-431-5	
Classification		
Flam. Liq. 3 - H226		
Skin Sens. 1B - H317		
7-methyl-3-methyleneocta-1,6	diene	0.01-4%
CAS number: 123-35-3	EC number: 204-622-5	0.01 470
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Chronic 3 - H412		
Alpha Pinene		0.01-3%
CAS number: 80-56-8	EC number: 201-291-9	
M factor (Acute) = 1	M factor (Chronic) = $1$	
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		0.04.29/
Beta Pinene		0.01-3%
CAS number: 127-91-3	EC number: 242-060-2	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		
The Full Text for all R-Phrases	and Hazard Statements are Displayed in Section 16.	
SECTION 4: First aid measure		
4.1. Description of first aid mea	Isures	
Inhalation	Remove person to fresh air and keep comfortable for breathing.	Get medical attention.
Ingestion	Rinse mouth thoroughly with water. Aspiration hazard if swallow	ed. Get medical attention.
-	-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, L	

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 6 of 14

Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 10 minutes. Get medical attention.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
4.2. Most important symptoms	and effects, both acute and delayed
General information	No further information available at this time.
4.3. Indication of any immedia	te medical attention and special treatment needed
Specific treatments	Persons with pre-existing skin, eye or respiratory disease may be at increased risk from the irritant or allergic properties of this material. Attending physician should treat exposed patients symptomatically.
SECTION 5: Firefighting measurements	sures
5.1. Extinguishing media	
Suitable extinguishing media	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	For safety reasons do not use full water jet.
5.2. Special hazards arising fr	om the substance or mixture
Specific hazards	No data available.
5.3. Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapours.
Special protective equipment for firefighters	Wear full protective clothing
SECTION 6: Accidental release	e measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Follow safety measures as mentioned in sections "handling and storage" and "exposure controls/personal protection".
6.2. Environmental precaution	<u>s</u>
Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	Eliminate all sources of ignition. Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Wash spill site after material pick up is complete.
6.4. Reference to other section	
SECTION 7: Handling and sto	rage
7.1. Precautions for safe hand	ling
Usage precautions	Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed

Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat 7.3. Specific end use(s) SECTION 8: Exposure controls/Personal protection 8.1. Control parameters 1, 8 cineole (CAS: 470-82-6) DNEL Workers - Inhalation; Long term systemic effects: 7.05 mg/m<sup>3</sup> Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 1.74 mg/m<sup>3</sup> General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg General population - Oral; Long term systemic effects: 600 bw/day, mg/kg **PNEC** - Fresh water; Short term 5.7 mg/l - Intermittent release, Fresh water; 0.57 mg/l - marine water; Short term 5.7 mg/l - STP; Short term 10 mg/l - Sediment (Freshwater); Short term 1.425 mg/kg - Sediment (Marinewater); Short term 0.142 mg/kg - Soil; Short term 0.25 mg/kg 7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3) DNEL Workers - Dermal; Long term systemic effects: 0.83 mg/kg Workers - Inhalation; Long term systemic effects: 5.83 mg/m<sup>3</sup> General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m<sup>3</sup> PNEC - STP; 0.2 mg/l - Soil; 1.015 mg/kg - Fresh water; 0.00028 mg/l - marine water; 0.0008 mg/l - Sediment (Freshwater); 5.022 mg/kg - Sediment (Marinewater); 0.502 mg/kg Alpha Pinene (CAS: 80-56-8) DNEL Workers - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup> Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 0.67 mg/m<sup>3</sup> General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day **PNEC** - Fresh water; Short term 0.606 mg/l - Fresh water. Intermittent release: 3.03 mg/l marine water; Short term 0.061 mg/l - Intermittent release, marine water; 0.303 mg/l - STP; Short term 0.2 mg/l - Sediment (Freshwater); Short term 157 mg/kg - Sediment (Marinewater); Short term 15.7 mg/kg - Soil; Short term 31.7 mg/kg

#### Beta Pinene (CAS: 127-91-3)

DNEL	Workers - Inhalation; Long term systemic effects: 5.69 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 1 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day
PNEC	<ul> <li>Fresh water; Short term 1.004 mg/l</li> <li>Intermittent release, Fresh water; 5.02 mg/l</li> <li>marine water; Short term 0.1 mg/l</li> <li>STP; Short term 3.26 mg/l</li> <li>Sediment (Freshwater); Short term 0.337 mg/kg</li> <li>Sediment (Marinewater); Short term 0.034 mg/kg</li> <li>Soil; Short term 0.067 mg/kg</li> </ul>
8.2. Exposure controls	
Protective equipment	
Appropriate engineering controls	Provide eyewash station Provide adequate ventilation.
Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear apron or protective clothing in case of contact.

Good personal hygiene procedures should be implemented.

If ventilation is insufficient, respiratory protection must be worn.

Generally unnecessary in a well ventilated area.

Avoid discharging into drains.

Hygiene measures

**Respiratory protection** 

Environmental exposure controls

#### **SECTION 9: Physical and chemical properties**

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

Appearance	Liquid.
Colour	Colourless to pale yellow.
Odour	Characteristic odour of Spearmint
Flash point	> 63°C
Relative density	0.910 - 0.953 @ 25°C
9.2. Other information	
Refractive index	1.480 - 1.498 @ 20°C
Optical Rotation	-48 to -65
Hydrocarbon Content	

SECTION 10: Stability and reactivity		
10.1. Reactivity		
Reactivity	No hazardous reactions if stored and handled as prescribed / indicated.	
10.2. Chemical stability		
Stability	Stable under the prescribed storage conditions.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	Product does not exhibit any dangerous reactions under normal conditions. Hazardous polymerization will not occur.	
10.4. Conditions to avoid Conditions to avoid	Avoid excessive heat for prolonged periods of time.	
10.5. Incompatible materials		
Materials to avoid	Avoid contact with the following materials: Strong acids. bases	
10.6. Hazardous decompositio	on products	
Hazardous decomposition products	Carbon dioxide (CO2). Carbon monoxide (CO). When heated to decomposition, its emits acrid smoke as well as carbon monoxide and carbon dioxide.	
SECTION 11: Toxicological int	formation	
11.1. Information on toxicologi	cal effects	
Acute toxicity - oral		
Notes (oral LD₅₀)	No data available.	
<u>Acute toxicity - dermal</u> Notes (dermal LD₅₀)	No data available.	
Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> )	No data available.	
Skin corrosion/irritation Skin corrosion/irritation	Irritating to skin.	
Skin sensitisation Skin sensitisation	Sensitising.	
Aspiration hazard Aspiration hazard	May be fatal if awallowed and anters simulate	
•	May be fatal if swallowed and enters airways.	
SECTION 12: Ecological infor	nation	
12.1. Toxicity		
Toxicity	No data available.	
12.2. Persistence and degrada		
Persistence and degradability	Possibly hazardous short term degradation products are not likely, however long term degradation products may arise. The Products of degradation are more toxic.	
Biodegradation	No data available.	
12.3. Bioaccumulative potentia		
Bioaccumulative potential	No data available on bioaccumulation.	

#### 12.4. Mobility in soil

Surface tension No data available.

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

12.6. Other adverse effects

#### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Disposal methods Dis

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not empty into drains.

SECTION 14: Transport information	
14.1. UN number	
UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082
14.2. UN proper shipping name	9
Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(e	<u>s)</u>
ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9
Transport labels	
14.4. Packing group	

<u> </u>	
ADR/RID packing group	Ш
IMDG packing group	Ш
ICAO packing group III	
ADN packing group III	

14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmSF-A, S-FADR transport category3Emergency Action Code•3ZHazard Identification Number<br/>(ADR/RID)90

Tunnel restriction code (E)

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information	
15.1. Safety, health and	d environmental regulations/legislation specific for the substance or mixture
EU legislation	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	CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

SECTION 16: Other information		
Revision date	18/02/2019	
Revision	3	
Supersedes date	17/07/2018	
SDS number	5277	
Hazard statements in full	H226 Flammable liquid and vapour.	
	H302 Harmful if swallowed.	
	H304 May be fatal if swallowed and enters airways.	
	H315 Causes skin irritation.	
	H317 May cause an allergic skin reaction.	
	H319 Causes serious eye irritation.	
	H400 Very toxic to aquatic life.	
	H410 Very toxic to aquatic life with long lasting effects.	
	H411 Toxic to aquatic life with long lasting effects.	
	H412 Harmful to aquatic life with long lasting effects.	

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# MYSTIC M©MENTS **Product Specification**

PRODUCT DETAILS			
Product Name	SPEARMINT OIL ORGANIC		
Product Code	OCSPEA		
Tariff Number	33012510		
Country of Origin	India		
INCI Name	Mentha Spicata Oil		
Natural Status	We hereby declare, to the best of our knowledge and from information received		
	from our supplier, that this product is in accordance to the requirements of		
	Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as		
	natural. This product does not contain any solvents or additives		
Food Grade Status	This product does not contain any solvents or additives. We confirm, from information received from our supplier, that this product		
Food Grade Status	conforms with EU Regulations and can be used in food.		
Kosher Certified	No but can be added		
Halal Certified	Suitable		
GMO Declaration	To the best of our knowledge and from information received from our supplier,		
	this product does not derive from genetically modified starting raw material, or		
	additives that are derived from genetically modifed organisms.		
Manufacturing Process	Please See Flowchart		
Identification	CAS No: 84696-51-5	EC No: 283-656-2	
	Alternate CAS: 8008-79-5	FEMA: 3032	
PHYSICAL AND CHEMICAL O	CHARACTERISTIC		
Appearance	Liquid		
Colour	Colourless to Pale Yellow		
Odour	Characteristic odour of Spearmint		
Relative Density @ 25°C	0.910 - 0.953		
Refractive Index @ 20°C	1.480 - 1.498		
Flash Point °C	≥63		
Optical Rotation <sup>°</sup>	-48 to -65		
Arsenic	<3ppm		
Lead	<3ppm		
Cadmium	<1ppm		
Mercury	<0.1ppm		
FRAGRANCE ALLERGENS	-		
Limonene <b>(5989-54-8) 21-35%</b>	Farnesol <b>(4602-84-0) &lt;1%</b>	Eugenol <b>(97-53-0) &lt;1%</b>	
Linalool <b>(78-70-6) &lt;1%</b>			
FOOD ALLERGENS			
NONE PRESENT			
IFRA			
L-Carvone <b>(6485-40-1) 50-85%</b>	D-Carvone (2244-46-8) <1%	Estragole <b>(140-67-0) &lt;1%</b>	
Toluene <b>(108-88-3) &lt;1%</b>			
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.		

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary. Issue No: 1

19/02/2019

# MYSTIC M©MENTS

# **Vegan and Vegetarian Statement**

IDENTIFICATION		
Product: Spearmint Oil Organic		
Cas No: 84696-51-5		
EINECS No: 283-656-2		
STATEMENT		
We, MADAR Corporation Limited, from information received from our supplier, hereby		
declare that the material listed above is suitable for the following:		
Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).		
Lacto Vegetarians (Same as vegan but allows milk products and bee products)		
Ovo Vegetarians (Same as vegan but allows egg products and bee products)		
It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.		
05/05/2020		
This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.		