

PRODUCT DETAILS		
Product Name	THYME OIL WHITE NATURAL BLEND	
Product Code	OETHYMWHIT	
Batch Number	4381902	
Best Before End	December 2022	
Identification	CAS No: NA	
	EINECS No: NA	
PHYSICAL AND CHEMIC	AL CHARACTERISTIC	
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Pale Yellow to Yellow	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.905 - 0.935	0.909
Refractive Index @ 20°C	1.491 - 1.510	1.496
Optical Rotation °	-12 to 0	-4
Flash Point °C	≥60	Conforms
STORAGE AND SHELF LIF	E	
Storage	Store in tightly closed container with mi	nimum 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 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



SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	THYME OIL WHITE
Product number	OETHYMWHIT
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 the safety data sheet	
Supplier	
	MADAR Corporation Limited
	19-20 Sandleheath Industrial Estate
	Fordingbridge
	SP6 1PA
	Tel. +44 1425 655555 (Opening Hours 9am - 5pm)
	e-mail sales@madarcorporation.co.uk
Approved sellers	Cosmetic Butters, Mystic moments, New Directions, World of Moulds

# 1.4. Emergency telephone number

**SECTION 2: Hazards identification** 

2.1. Classification of the substance or mixture	
Classification (EC 1272/2008)	
Physical hazards	Flam. Liq. 3 - H226
Health hazards	Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Human health	Harmful if swallowed. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.
Environmental	Toxic to aquatic life with long lasting effects.
Physicochemical	Flammable liquid and vapour
2.2. Label elements	
Pictogram	

Signal word

Danger

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 1 of 11

Hazard statements	<ul> <li>H226 Flammable liquid and vapour.</li> <li>H302 Harmful if swallowed.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H314 Causes severe skin burns and eye damage.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H335 May cause respiratory irritation.</li> <li>H411 Toxic to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	<ul> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P261 Avoid breathing vapour/ spray.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</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	thymol, p-Cymene, Linalool, Alpha Pinene, 7-methyl-3-methyleneocta-1,6-diene
Supplementary precautionary statements	<ul> <li>P240 Ground/ bond container and receiving equipment.</li> <li>P241 Use explosion-proof electrical equipment.</li> <li>P242 Use only non-sparking tools.</li> <li>P243 Take precautionary measures against static discharge.</li> <li>P260 Do not breathe vapour/ spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P270 Do not eat, drink or smoke when using this product.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.</li> <li>P301+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.</li> <li>Rinse skin with water/ shower.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P363 Wash contaminated clothing before reuse.</li> <li>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</li> <li>P391 Collect spillage.</li> <li>P403+P235 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P403+P235 Store in a well-ventilated place. Keep cool.</li> <li>P405 Store locked up.</li> </ul>

# 2.3. Other hazards

SECTION 3: Composition/information	on ingredients	
3.2. Mixtures		
p-Cymene		30 - 409
CAS number: 99-87-6	EC number: 202-796-7	
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Asp. Tox. 1 - H304		
thymol		30 - 409
-	EC number 201 014 0	
CAS number: 89-83-8	EC number: 201-944-8	
Classification		
Acute Tox. 4 - H302		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Aquatic Chronic 2 - H411		
p-menth-1-en-8-ol		7 - 10
	E0	7 10
CAS number: 98-55-5	EC number: 202-680-6	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Linalool		4 - 79
CAS number: 78-70-6	EC number: 201-134-4	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
7-methyl-3-methyleneocta-1,6-diene		1 - 49
CAS number: 123-35-3	EC number: 204-622-5	
M factor (Acute) = 1	M factor (Chronic) = 1	
	(	
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

Alpha Pinene	1 - 4%
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	
The Full Text for all R-Phrases	s and Hazard Statements are Displayed in Section 16.
SECTION 4: First aid measure	25
4.1. Description of first aid me	asures
Inhalation	Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get medical attention.
Ingestion	Aspiration hazard if swallowed. Rinse mouth thoroughly with water. Do not induce vomiting. Move affected person to fresh air at once. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at least 15 minutes. Get medical attention.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
General information	After continuous contact with skin and/or eyes causes burns and sores of hard cicatrisation. On a reduced number of people the exposure to the product may induce allergic reactions. An intake of this product at high concentration causes burns and ulcers of mucous membranes on the mouth, pharynx, oesophagus and gastrointestinal tract.
4.3. Indication of any immedia	te medical attention and special treatment needed
SECTION 5: Firefighting meas	ures
5.1. Extinguishing media	
Suitable extinguishing media	Use as appropriate carbon dixoide (CO2), dry chemical or foam
Unsuitable extinguishing media	For safety reasons do not use full water jet.
5.2. Special hazards arising fro	om the substance or mixture
Specific hazards	Combustible liquid.

Protective actions during<br/>firefightingDo not inhale explosion and/or combustion gases. Use self contained breathing apparatus.<br/>Containers close to fire should be removed or cooled with water. Control run-off water by<br/>containing and keeping it out of sewers and watercourses.

Special protective equipment Wear full protective clothing for firefighters

5.3. Advice for firefighters

#### SECTION 6: Accidental release measures

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

Personal precautions Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate. Treat the spilled material according to the instructions in the clean-up section. Wash thoroughly after dealing with a spillage.

## 6.2. Environmental precautions

**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 Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Never return spills in original containers for re-use. Use non sparking tools. Ventilate area and wash spill site after pickup is complete. Wash spill site after material pick up is complete. No smoking, sparks, flames or other sources of ignition near spillage.

#### 6.4. Reference to other sections

SECTION 7: Handling and storage	

# 7.1. Precautions for safe handling

Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not empty into drains. 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.

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

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

# p-menth-1-en-8-ol (CAS: 98-55-5)

PNEC

- Fresh water; Short term 68 mg/l - Marine water; Short term 6.8 mg/l
- STP; Short term 2.6 mg/l
- Sediment (Freshwater); Short term 1.85 mg/kg
- Sediment (Marinewater); Short term 0.185 mg/kg
- Soil; Short term 0.329 mg/kg

# Linalool (CAS: 78-70-6)

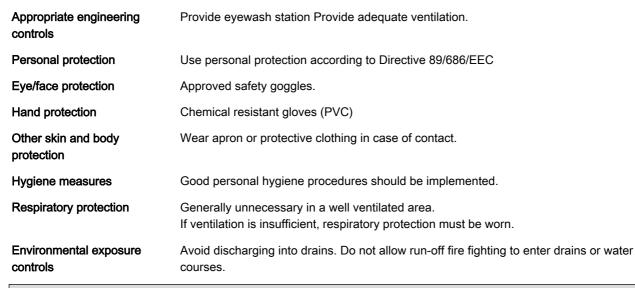
DNEL	Workers - Dermal; Short term systemic effects: 5 mg/kg Workers - Inhalation; Short term systemic effects: 16.5 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2.5 mg/kg Workers - Inhalation; Long term systemic effects: 2.8 mg/m <sup>3</sup> General population - Oral; Short term systemic effects: 1.5 mg/kg General population - Dermal; Short term systemic effects: 2.5 mg/kg General population - Inhalation; Short term systemic effects: 0.5 mg/kg General population - Oral; Long term systemic effects: 0.2 mg/kg General population - Dermal; Long term systemic effects: 1.25 mg/kg General population - Dermal; Long term systemic effects: 0.7 mg/m <sup>3</sup> -; :
PNEC	<ul> <li>STP; Short term 10 mg/l</li> <li>Soil; Short term 0.327 mg/kg</li> <li>Intermittent release; Short term 2 mg/l</li> <li>Fresh water; Short term 0.2 mg/l</li> <li>Marine water; Short term 0.02 mg/l</li> <li>Sediment (Freshwater); Short term 2.22 mg/kg</li> <li>Sediment (Marinewater); Short term 0.222 mg/kg</li> </ul>
DNEL	Workers - Dermal; Long term systemic effects: 0.83 mg/kg Workers - Inhalation; Long term systemic effects: 5.83 mg/m³ General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m³
PNEC	<ul> <li>STP; 0.2 mg/l</li> <li>Soil; 1.015 mg/kg</li> <li>Fresh water; 0.00028 mg/l</li> <li>Marine water; 0.0008 mg/l</li> <li>Sediment (Freshwater); 5.022 mg/kg</li> <li>Sediment (Marinewater); 0.502 mg/kg</li> </ul> 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	<ul> <li>Fresh water; Short term 0.606 mg/l</li> <li>Fresh water, Intermittent release; 3.03 mg/l</li> <li>Marine water; Short term 0.061 mg/l</li> <li>Intermittent release, Marine water; 0.303 mg/l</li> <li>STP; Short term 0.2 mg/l</li> <li>Sediment (Freshwater); Short term 157 mg/kg</li> <li>Sediment (Marinewater); Short term 15.7 mg/kg</li> <li>Soil; Short term 31.7 mg/kg</li> </ul>

8.2. Exposure controls

#### Protective equipment







#### **SECTION 9: Physical and Chemical Properties**

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

Appearance	Liquid.
Colour	Pale Yellow. to Yellow.
Odour	Characteristic.
Flash point	$\geq 60^{\circ}C$
Relative density	0.905 - 0.935 @ 20°C
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.
9.2. Other information	
Refractive index	1.491 - 1.510 @ 20°C
Optical Rotation	-12 to 0
Hydrocarbon Content	
SECTION 10: Stability and r	reactivity
10.1. Reactivity	
Reactivity	Flammable/combustible materials.
10.2. Chemical stability	
Stability	Stable under the prescribed storage conditions.
10.3. Possibility of hazardou	us reactions
Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	
Bi∩ri	iging 10.20 Sandlahaath Industrial Estata Eardinghridga, Hampshira, SP6.1PA, I

**Conditions to avoid** Keep away from heat sources, open flames and sunlight.

10.5. Incompatible materials

Materials to avoid Strong Oxidants such as Liquid Chlorine and concentrated oxygen.

10.6. Hazardous decomposition products

Hazardous decompositionLiable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxideproductsand other non identified organic compounds may be formed.

# SECTION 11: Toxicological information

11.1. Information on toxicolog	ical effects
Acute toxicity - oral Notes (oral LD₅o)	Harmful if swallowed.
ATE oral (mg/kg)	500.0
Acute toxicity - dermal Notes (dermal LD₅₀)	No information available.
Acute toxicity - inhalation Notes (inhalation LC₅₀)	No information available.
Skin corrosion/irritation Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/irritation Serious eye damage/irritation	
Skin sensitisation Skin sensitisation	May cause an allergic skin reaction.
Specific target organ toxicity -	repeated exposure
STOT - repeated exposure	May cause respiratory irritation.
Aspiration hazard Aspiration hazard	Aspiration hazard if swallowed. May be fatal if swallowed and enters airways.
SECTION 12: Ecological Info	rmation
12.1. Toxicity	
Toxicity	Toxic to aquatic life with long lasting effects.
Acute toxicity - microorganisms	No data available.
Chronic toxicity - aquatic invertebrates	No data available.
12.2. Persistence and degrad	ability
Biodegradation	No information available.
12.3. Bioaccumulative potent	al
Partition coefficient	No information available.
12.4. Mobility in soil	
Surface tension	No information available.
12.5. Results of PBT and vPv	B assessment
12.6. Other adverse effects	
SECTION 13: Disposal consi	derations
13.1. Waste treatment metho	ds
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid discharging into drains. Avoid releasing into the environment.
BiOrig	ins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

# **SECTION 14: Transport information**

14.1. UN number	
UN No. (ADR/RID)	2924
UN No. (IMDG)	2924
UN No. (ICAO)	2924
UN No. (ADN)	2924
14.2. UN proper shipping name	9
Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (IMDG)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (ICAO)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (ADN)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
14.3. Transport hazard class(e	<u>s)</u>
ADR/RID class	3
ADR/RID subsidiary risk	8
ADR/RID classification code	FC
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	8
ICAO class/division	3
ICAO subsidiary risk	8
ADN class	3
ADN subsidiary risk	8
Transport labels	
14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III
14.5. Environmental hazards	
Environmentally hazardous substance/marine pollutant No.	

# 14.6. Special precautions for user

EmS

ADR transport category	3	
Emergency Action Code	•3W	
Hazard Identification Number (ADR/RID)	38	
Tunnel restriction code	(D/E)	
14.7. Transport in bulk accordi	ing to Annex II of MARPOL and the IBC Code	
SECTION 15: Regulatory infor	SECTION 15: Regulatory information	
15.1. Safety, health and enviro	onmental regulations/legislation specific for the substance or mixture	
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).	
	Dangerous Preparations Directive 1999/45/EC.	

# 15.2. Chemical safety assessment

#### **SECTION 16: Other information**

Revision date	06/11/2017
Revision	1
SDS number	5074
Hazard statements in full	H226 Flammable liquid and vapour.
	H302 Harmful if swallowed.
	H304 May be fatal if swallowed and enters airways.
	H314 Causes severe skin burns and eye damage.
	H315 Causes skin irritation.
	H317 May cause an allergic skin reaction.
	H318 Causes serious eye damage.
	H319 Causes serious eye irritation.
	H335 May cause respiratory 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.

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PRODUCT DETAILS Product Name	THYME OIL WHITE BORNEOL TYPE
Product Code	OETHYMWHIT
Tariff Number	33012941
INCI Name	Thymus Satureoides Coss, T. Spp
Country of origin Natural Status	Morocco We hereby declare, to the best of our knowledge and from information received
ואמנערמו סנמנעס	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	We confirm from information recevied from our supplier that this product is food grade. It is manufacturered in a good manner appropriate for usage in foods in accordance with the good manufacturing practice guideline according to EU-guidline 1334/2008 and according to FDA approved.
Kosher Certified	No but can be added
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.
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	Natural and pure essential oil obtained by steam distillation from the flowers
Identification	CAS No: NA EINECS No: NA
PHYSICAL AND CHEMIC	AL CHARACTERISTIC
Appearance	Liquid
Colour	Pale Yellow
Odour	Aromatic
Relative Density @ 20°C	0.900 - 0.9450
Refractive Index @ 20°C	1.4800 - 1.5050
Optical Rotation °	-20.00 to -5.00
Flash Point °C	48c
Solubility	Insoluble in water
<b>FRAGRANCE ALLERGEN</b>	S
Limonene (5989-27-5) <1%	Geraniol (106-24-1) <1% Linalool (78-70-6) 5-10%
FOOD ALLERGENS	
NONE PRESENT	
IFRA	
	Coronial (106-24-1) <1%
Eugenol (97-53-0) <0.5% STORAGE AND SHELF LI	Geraniol (106-24-1) <1% Methyl Eugenol (93-15-2) <0.5%
Storage	Store in tightly closed original container in a dry, cool and well ventilated

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 Ltd 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.



# Vegan Statement

IDENTIFICATION		
Product:	Thyme White	
Cas No:	N/A	
EINECS No:	N/A	
STATEMENT		
We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet. It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.		
10 <sup>th</sup> January 2019		
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.