

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 04/14/2020 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : MAGIC & MYRRH

Product code : SC-M&M

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Candles and Supplies 2580 Milford Square Pike Quakertown PA 18951 215-538-8552 phone 215-538-8175 fax www.candlesandsupplies.net

1.4. Emergency telephone number

Emergency number : INFOTRAC (US & Canada) 1-800-819-6118 | (International) 1-215-538-8552

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	(CAS-No.) 54464-57-2	5 - 10	Skin Irrit. 2, H315 Skin Sens. 1B, H317
CINNAMIC ALDEHYDE	(CAS-No.) 104-55-2	1 - 5	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317
EUGENOL	(CAS-No.) 97-53-0	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317
Eugenol	(CAS-No.) 97-53-0	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317
VANILLIN	(CAS-No.) 121-33-5	1 - 5	Eye Irrit. 2, H319
Linalool	(CAS-No.) 78-70-6	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
ETHYL VANILLIN	(CAS-No.) 121-32-4	1 - 5	Eye Irrit. 2, H319
CEDRAMBER	(CAS-No.) 19870-74-7	1 - 5	Skin Sens. 1B, H317
LINALYL ACETATE	(CAS-No.) 115-95-7	0.5 - 1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

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Name	Product identifier	%	GHS US classification
D-LIMONENE	(CAS-No.) 5989-27-5	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Cinnamaldehyde	(CAS-No.) 104-55-2	< 0.5	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317
d-Limonene	(CAS-No.) 5989-27-5	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
ISO EUGENOL	(CAS-No.) 97-54-1	< 0.5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

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SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures

Do not eat, drink or smoke when using this product. Always wash hands after handling the

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

Control parameters

d-Limonene (5989-27-5)

Not applicable

D-LIMONENE (5989-27-5)

Not applicable

Linalool (78-70-6)

Not applicable

LINALYL ACETATE (115-95-7)

Not applicable

Cinnamaldehyde (104-55-2)

Not applicable

Eugenol (97-53-0)

Not applicable

CINNAMIC ALDEHYDE (104-55-2)

Not applicable

EUGENOL (97-53-0)

Not applicable

VANILLIN (121-33-5)

Not applicable

CEDRAMBER (19870-74-7)

Not applicable

ETHYL VANILLIN (121-32-4)

Not applicable

ISO E SUPER (54464-57-2)

Not applicable

ISO EUGENOL (97-54-1)

Not applicable

8.2. **Appropriate engineering controls**

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

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In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Mixture contains one or more component(s) which have the following colour(s):

Colourless Colourless to light yellow White Light yellow to colourless On exposure to air: yellow-brown White to light yellow On exposure to light: discolours Colourless to light amber White to off-white Colourless to white On exposure to light: turns yellow On exposure to air:

turns yellow

Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour:

Floral odour Fruity odour Sweet odour Lemon odour Mild odour Characteristic odour Pleasant odour Aromatic odour Almond odour Strong odour Almost odourless Alcohol odour Odourless

Odor threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

Flash point : > 100 °C

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Not applicable. Vapor pressure : No data available Relative vapor density at 20 °C No data available : No data available Relative density Solubility : No data available Log Pow No data available : No data available Auto-ignition temperature Decomposition temperature No data available No data available Viscosity, kinematic Viscosity, dynamic : No data available No data available **Explosion limits** No data available Explosive properties No data available Oxidizing properties

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological ir	formation
11.1. Information on toxicological	al effects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
d-Limonene (5989-27-5)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)
D-LIMONENE (5989-27-5)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)
Linalool (78-70-6)	
LD50 oral rat	2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experiment value, Oral, 14 day(s))
LD50 dermal rabbit	5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight
Cinnamaldehyde (104-55-2)	
ATE US (oral)	2500 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
Eugenol (97-53-0)	
ATE US (oral)	2300 mg/kg body weight
CINNAMIC ALDEHYDE (104-55-2)	
ATE US (oral)	2500 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
EUGENOL (97-53-0)	
ATE US (oral)	2300 mg/kg body weight
VANILLIN (121-33-5)	
LD50 oral rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experiment value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg body weight
ETHYL VANILLIN (121-32-4)	
LD50 oral rat	> 3160 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimenta value, Oral, 14 day(s))
LDEO de marel met	2000 mg/l/m hadroveright (OFCD 400) Asista Darmal Tavicity (A4 h. Det Mala /famala

ATE US (oral)	3000 mg/kg body weight
ISO EUGENOL (97-54-1)	
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	1900 mg/kg body weight

Experimental value, Dermal, 14 day(s))

> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female,

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

LD50 dermal rat

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IARC group 3 - Not classifiable D-LIMONENE (5989-27-5) IARC group 3 - Not classifiable	
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The diagonals	
Firmond (07 F2 0)	
Eugenol (97-53-0) IARC group 3 - Not classifiable	
EUGENOL (97-53-0)	
IARC group 3 - Not classifiable	
Denveduative toxicity	
Reproductive toxicity : Not classified STOT-single exposure : Not classified	
STOT-single exposure . Not classified	
STOT-repeated exposure : Not classified	
Linalool (78-70-6) NOAEL (dermal,rat/rabbit,90 days) 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Derr	mal
NOAEL (dermal,rat/rabbit,90 days) 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Derr Toxicity: 90-Day Study)	mai
Aspiration hazard : Not classified	
Viscosity, kinematic : No data available	
SECTION 12: Ecological information	
42.4 Toyloity	
12.1. Toxicity	
12.1. Toxicity Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverfects in the environment.	verse
Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adv	verse
Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverfects in the environment. d-Limonene (5989-27-5) LC50 fish 1 720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-thro	
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Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverflects in the environment. d-Limonene (5989-27-5) LC50 fish 1 720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-throsystem, Fresh water, Experimental value, Lethal) EC50 Daphnia 1 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, system, Fresh water, Experimental value, GLP) D-LIMONENE (5989-27-5) LC50 fish 1 720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-throsystem, Fresh water, Experimental value, Lethal) EC50 Daphnia 1 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, system, Fresh water, Experimental value, GLP) Linalool (78-70-6) LC50 fish 1 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static syfresh water, Experimental value, GLP) EC50 Daphnia 1 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, St system, Fresh water, Experimental value, GLP) EC50 (algae) 156.7 mg/l (OIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)	ough Static ough Static ystem, tatic
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Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverfects in the environment. d-Limonene (5989-27-5) LC50 fish 1 720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-thro system, Fresh water, Experimental value, Lethal) EC50 Daphnia 1 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, system, Fresh water, Experimental value, GLP) D-LIMONENE (5989-27-5) LC50 fish 1 720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-thro system, Fresh water, Experimental value, Lethal) EC50 Daphnia 1 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, system, Fresh water, Experimental value, GLP) Linalool (78-70-6) LC50 fish 1 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) EC50 Daphnia 1 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, St system, Fresh water, Experimental value, GLP) EC50 (algae) 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water Experimental value, Nominal concentration) LINALYL ACETATE (115-95-7) LC50 fish 1 11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio) EC50 Daphnia 1 15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)	ough Static ough Static ystem, tatic er,
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VANUE I IN (404 00 5)	
VANILLIN (121-33-5)	400 mail (OEOD 004) Alan Carrett labilities Tool 70 h Daniel link and the
ErC50 (algae)	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
ETHYL VANILLIN (121-32-4)	
LC50 fish 1	87.6 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Read-across, GLP)
ErC50 (algae)	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP)
2.2. Persistence and degradability	
d-Limonene (5989-27-5)	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O₂/g substance
D-LIMONENE (5989-27-5)	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O ₂ /g substance
Linalool (78-70-6)	
Persistence and degradability	Readily biodegradable in water.
LINALYL ACETATE (115-95-7)	The state of the s
Persistence and degradability	Readily biodegradable in water.
reisisterice and degradability	Readily blodegradable in water.
VANILLIN (121-33-5)	
Persistence and degradability	Readily biodegradable in water.
	Total and the second se
ETHYL VANILLIN (121-32-4)	B. W. L.
Persistence and degradability	Readily biodegradable in water.
ThOD BOD (% of ThOD)	1.81 g O ₂ /g substance 0.529 (5 day(s), Literature study)
BOD (% OF THOD)	0.329 (3 day(s), Literature study)
2.3. Bioaccumulative potential	
d-Limonene (5989-27-5)	
BCF fish 1	864.8 - 1022 (Pisces, QSAR, Fresh weight)
Log Pow	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
D-LIMONENE (5989-27-5)	
BCF fish 1	864.8 - 1022 (Pisces, QSAR, Fresh weight)
Log Pow	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
Linalool (78-70-6)	
Log Pow	2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
LINALYL ACETATE (115-95-7)	
Log Pow	3.93 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
VANII I IN (121-33-5)	
VANILLIN (121-33-5) Log Pow	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask
	Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
ETHYL VANILLIN (121-32-4)	

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ETHYL VANILLIN (121-32-4)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

d-Limonene (5989-27-5)	
Ecology - soil	Adsorbs into the soil.
D-LIMONENE (5989-27-5)	
Ecology - soil	Adsorbs into the soil.
Linalool (78-70-6)	
Surface tension	8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension)
Ecology - soil	No (test)data on mobility of the substance available.
LINALYL ACETATE (115-95-7)	
Ecology - soil	Adsorbs into the soil.

77 H. H. Z. H. (121 00 0)	
Log Koc	3.438 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.
ETHYL VANILLIN (121-32-4)	
Log Koc	3.092 (log Koc, Equivalent or similar to OECD 106, Experimental value)
Ecology - soil	Low potential for mobility in soil.

12.5. Other adverse effects

No additional information available

VANILLIN (121-33-5)

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

d-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

D-LIMONENE (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

Linalool (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

LINALYL ACETATE (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

Cinnamaldehyde (104-55-2)

Listed on the Canadian DSL (Domestic Substances List)

Eugenol (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

CINNAMIC ALDEHYDE (104-55-2)

Listed on the Canadian DSL (Domestic Substances List)

EUGENOL (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

VANILLIN (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

CEDRAMBER (19870-74-7)

Listed on the Canadian DSL (Domestic Substances List)

ETHYL VANILLIN (121-32-4)

Listed on the Canadian DSL (Domestic Substances List)

ISO E SUPER (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

ISO EUGENOL (97-54-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

SECTION 16: Other information

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Full text of H-phrases:

H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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