

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Version: 1.2 Date of issue: 15/09/2018

SECTION 1: Ide	entification of the substa	ance/mixture and of the c	company/undertaking	
1.1. Product i	dentifier			
Product form	:	Mixture		
Product name	:	GRACEMATE POPPY - CITRUS	5	
1.2. Relevant	identified uses of the substar	nce or mixture and uses advise	d against	
1.2.1. Relevant	identified uses			
Use of the substanc		Air freshener		
	rised against			
No additional inform				
TRUCK SHOP B.V. De Corridor 12E	EN - THE NETHERLANDS	a sneet		1
1.4. Emergen	cy telephone number			
Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital, Guy's & St Thomas' Hospital Trust	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	
SECTION 2: Ha	zards identification			
	ation of the substance or mixt	ure		
Flam. Liq. 2 Eye Irrit. 2 Skin Sens. 1 Aquatic Chronic 3 Full text of hazard c Adverse physicoc		section 16	rgic skin reaction. Harmful to a	quatic life with long lasting
Hazard pictograms		GHS02 GHS07		
Signal word (CLP)		Danger		
Hazardous ingredie Hazard statements		Limonene; Lemon, ext. H225 - Highly flammable liquid a H317 - May cause an allergic sk H319 - Causes serious eye irrita H412 - Harmful to aquatic life wi	in reaction. tion.	
Precautionary state	ments (CLP) :	P101 - If medical advice is need P102 - Keep out of reach of child P210 - Keep away from heat, ho P403+P235 - Store in a well-ven P305+P351+P338 - IF IN EYES contact lenses, if present and ea P302+P352 - IF ON SKIN: Wash P501 - Dispose of contents/cont accordance with local, regional,	dren. It surfaces, open flames, spark Itilated place. Keep cool. Rinse cautiously with water for sy to do. Continue rinsing. With plenty of soap and water ainer to hazardous or special v	s. No smoking. or several minutes. Remove vaste collection point, in
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## 2.3. Other hazards

#### No additional information available

## SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	40 - 45	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Propan-2-ol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0	3,5 - 4	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
(R)-p-mentha-1,8-diene; Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7	1 - 1,5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Lemon, ext.	(CAS-No.) 8008-56-8, 68917-33-9, 84929- 31-7 (EC-No.) 284-515-8	0,1 - 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
isopentyl acetate substance with a Community workplace exposure limit	(CAS-No.) 123-92-2 (EC-No.) 204-662-3 (EC Index-No.) 607-130-00-2	0,01 - 0,1	Flam. Liq. 3, H226
Specific concentration limits:			
Name	Product identifier	Specific co	ncentration limits
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5	(C >= 50) Eye	ə Irrit. 2, H319

## Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	WTRICK-SHOPNEØ
First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. If possible show this sheet, if not available show packaging or label.
First-aid measures after inhalation	: If you feel unwell, seek medical advice. Allow the victim to rest. Assure fresh air breathing. If symptoms persist call a doctor.
First-aid measures after skin contact	: Wash skin with mild soap and water. If symptoms persist call a doctor.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth. Immediately call a POISON CENTER/doctor.
4.2. Most important symptoms and e	effects, both acute and delayed
Symptoms/injuries after skin contact	: Exposure may produce an allergic reaction.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
4.3. Indication of any immediate med	dical attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measure	S
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. dry chemical powder. Alcohol resistant foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.
5.2. Special hazards arising from the	e substance or mixture
Fire bazard	<ul> <li>Highly flammable liquid and vanour.</li> </ul>

Fire hazard : Highly flammable liquid and vapour.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Hazardous decomposition products in case of : During combustion : Toxic vapours may be released, Carbon oxides (CO, CO2). fire 5.3. Advice for firefighters Precautionary measures fire : Keep upwind. Firefighting instructions : Cool down the containers exposed to heat with a water spray. Contain the extinguishing fluids by bunding. Do not discharge into drains or the environment. Do not attempt to take action without suitable protective equipment. Complete protective Protection during firefighting clothing. Self-contained breathing apparatus. **SECTION 6: Accidental release measures** Personal precautions, protective equipment and emergency procedures 6.1 General measures : Ensure adequate ventilation. Remove all sources of ignition. 6.1.1. For non-emergency personnel : Avoid contact with skin and eyes. Do not smoke. No flames, no sparks. Eliminate all sources of Emergency procedures ignition. In case of important spillage : Clear the danger area. Only qualified personnel equipped with suitable protective equipment may intervene. 6.1.2. For emergency responders Do not attempt to take action without suitable protective equipment. For further information Protective equipment refer to section 8: "Exposure controls/personal protection". 6.2. **Environmental precautions** Contain the spilled material by bunding. Do not allow product to spread into the environment. Methods and material for containment and cleaning up 6.3. : Stop leak without risks if possible. Absorb spillage with: Sand/earth. inert absorbent material. For containment Collect all waste in suitable and labelled containers and dispose according to local legislation. Methods for cleaning up : Wash non-recoverable remainder with large amounts of water. 6.4. Reference to other sections Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13. **SECTION 7: Handling and storage** 7.1. Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes. Smoking is Precautions for safe handling forbidden. No flames, no sparks. Eliminate all sources of ignition. Avoid the build-up of electrostatic charge. Use non-sparking tools. Ground/bond container and receiving equipment. Do not drink, eat or smoke in the workplace. Always wash hands after handling the product. Hygiene measures Keep away from food, drink and animal feeding stuffs. 7.2. Conditions for safe storage, including any incompatibilities Store in a cool, well-ventilated place. Keep container tightly closed. Keep away from open Storage conditions flames, hot surfaces and sources of ignition. Protect from heat and direct sunlight. Proper grounding procedures to avoid static electricity should be followed. Incompatible materials Oxidation agents. Peroxides. Alkali metals. Alkaline earth metals. Magnesium. Aluminium. Specific end use(s) 7.3. No additional information available SECTION 8: Exposure controls/personal protection 81 **Control parameters** Ethanol (64-17-5) United Kingdom Local name Ethanol United Kingdom WEL TWA (mg/m<sup>3</sup>) 1920 mg/m<sup>3</sup> United Kingdom WEL TWA (ppm) 1000 ppm Propan-2-ol (67-63-0) United Kingdom Local name Propan-2-ol United Kingdom WEL TWA (mg/m<sup>3</sup>) 999 mg/m<sup>3</sup>

EU ΕU ΕU

isopentyl acetate (123-92-2)

United Kingdom

United Kingdom

United Kingdom

400 ppm 1250 mg/m<sup>3</sup>

500 ppm

270 mg/m<sup>3</sup>

50 ppm

Isopentylacetate

WEL TWA (ppm)

WEL STEL (mg/m<sup>3</sup>)

IOELV TWA (mg/m<sup>3</sup>)

IOELV TWA (ppm)

WEL STEL (ppm)

Local name

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isopentyl acetate (123-92-2)		
EU	IOELV STEL (mg/m <sup>3</sup> )	540 mg/m³
EU	IOELV STEL (ppm)	100 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

## Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Breakthrough time : refer to the recommendations of the supplier

## Eye protection:

If there is a risk of liquid being splashed : Safety glasses with side shields

## **Respiratory protection:**

If the ventilation is suitable, it is not essential to wear respiratory equipment

<b>SECTION 9: Physical and chemical</b>	properties
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: No data available
Odour	: Citrus fruits.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 35 °C (estimated value)
Flash point	: 22 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Explosive vapour/air mixtures may be formed.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

# SECTION 10: Stability and reactivity 10.1. Reactivity Highly flammable liquid and vapour. 10.2. Chemical stability Stable at ambient temperature and under normal conditions of use. 10.3. Possibility of hazardous reactions Flammable or explosive vapour/air mixtures may be formed. 10.4. Conditions to avoid Heat. Heat sources. Direct sunlight. Avoid the build-up of electrostatic charge.

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## 10.5. Incompatible materials

Oxidizing agent. Peroxides. Alkali metals. Alkaline earth metals. Magnesium. Aluminium.

## 10.6. Hazardous decomposition products

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

<b>SECTION 11: Toxicological informa</b>	tion
11.1. Information on toxicological effects	S
Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg (95% Water) (OECD 401 method)
LC50 inhalation rat	116,9 - 124,7 mg/l/4h (vapours) (equivalent or similar to OECD Guideline 403)
(R)-p-mentha-1,8-diene (5989-27-5)	
LD50 oral rat	> 2000 mg/kg (OECD 423 method)
Propan-2-ol (67-63-0)	
LD50 oral rat	5840 mg/kg (OECD 401 method)
LD50 dermal rabbit	16,4 ml/kg (OECD 402 method)
LC50 inhalation rat (ppm)	> 10000 ppm (6 Hours) (OECD 403 method)
isopentyl acetate (123-92-2)	
LD50 oral rat	1660 <b>0 m</b> g/kg
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Ethanol (64-17-5)	
LOAEL (oral, rat, 90 days)	3156 mg/kg bodyweight/day
NOAEL (oral, rat, 90 days)	<= 1730 mg/kg bodyweight/day
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information	
12.1. Toxicity	
Acute aquatic toxicity	Not classified (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity	Harmful to aquatic life with long lasting effects.
Ethanol (64-17-5)	
LC50 fish	13500 - 15300 mg/l/96h (Pimephales promelas)
EC50 Daphnia	> 10000 mg/l/48h (Daphnia magna)
ErC50 (algae)	275 mg/l/72h (Chlorella vulgaris)
NOEC (chronic)	> 10 mg/l/ 21 d (Daphnia magna)
NOEC chronic algae	240 mg/l
(R)-p-mentha-1,8-diene (5989-27-5)	
LC50 fish	0,72 mg/l/96h (Pimephales promelas) (OECD 203 method)
EC50 Daphnia	0,307 mg/l/48h (Daphnia magna) (OECD 202 method)
ErC50 (algae)	0,32 mg/l/72h (Pseudokirchnerella subcapitata) (OECD 201 method)
Propan-2-ol (67-63-0)	
LC50 fish	9640 mg/l/96h (Pimephales promelas) (OECD 203 method)
LC50 other aquatic organisms	> 10000 mg/l/24h (Daphnia magna) (OECD 202 method)
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12.2. Persistence and degradability

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Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable. 70 % biodegradation. (20 days).
Biochemical oxygen demand (BOD)	0,93 - 1,67 g O2/g substance
Chemical oxygen demand (COD)	1,99 g O2/g substance
(R)-p-mentha-1,8-diene (5989-27-5)	
Persistence and degradability	Readily biodegradable. (OECD 301D method).
Propan-2-ol (67-63-0)	
Persistence and degradability	Readily biodegradable.
2.3. Bioaccumulative potential	
Ethanol (64-17-5)	
BCF	0,66
Log Pow	-0,35 (20°C)
Bioaccumulative potential	Not potentially bioaccumulable.
(R)-p-mentha-1,8-diene (5989-27-5)	
Log Pow	4,38 (OECD 117 method)
Propan-2-ol (67-63-0)	
Log Pow	0,05 (25 °C)
Bioaccumulative potential	Not bioaccumulable.
2.4. Mobility in soil	
Ethanol (64-17-5)	
Ecology - soil	Small adsorption. Product evaporates rapidly when in contact with the air.
2.5. Results of PBT and vPvB assessmen	nt la
Component	
Ethanol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Propan-2-ol (67-63-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2.6. Other adverse effects	

No additional information available

## SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Conform to current legislation, regulations and orders.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1993	1993	1993	1993	1993
14.2. UN proper shippi	ng name		-	
FLAMMABLE LIQUID, N.O.S. (Ethanol ; Propan- 2-ol)	FLAMMABLE LIQUID, N.O.S. (Ethanol ; Propan- 2-ol)	Flam <mark>mable</mark> liquid, n.o.s. (Ethanol ; Propan-2-ol)	FLAMMABLE LIQUID, N.O.S. (Ethanol ; Propan- 2-ol)	FLAMMABLE LIQUID, N.O.S. (Ethanol ; Propan- 2-ol)
14.3. Transport hazard	class(es)			
3	3	3	3	3
14.4. Packing group				
П	П	П	Ш	П
14.5. Environmental ha	azards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
	No s	upplementary information avai	lable	

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## 14.6. Special precautions for user

Overland transment	
- Overland transport	. 51
Classification code (ADR)	: F1
Special provisions (ADR)	: 274, 601, 640D
Limited quantities (ADR)	: 11
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP8, TP28
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage - Operation (ADR)	: S2, S20
Hazard identification number (Kemler No.)	: 33
Orange plates	<b>33</b> 1993
Tunnel restriction code (ADR)	: D/E
- Transport by sea	
Special provisions (IMDG)	: 274
Limited quantities (IMDG)	:11
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP8, TP28
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	
MFAG-No	M <sup>™</sup> TRUCK-SHOP.NL ∅
- Air transport	
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3H
- Inland waterway transport	
Classification code (ADN)	: F1
Special provisions (ADN)	: 274, 601, 640D
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: Т
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 1

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#### - Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 274, 601, 640D
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP1, TP8, TP28
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE7
Hazard identification number (RID)	: 33

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

## Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. **EU-Regulations**

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

#### **National regulations** 15.1.2.

No additional information available

#### **Chemical safety assessment** 15.2.

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Data sources

: ECHA - European Chemicals Agency. SDS of suppliers. 10

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
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.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
4411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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Flam. Liq. 2	H225	On basis of test data
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	Calculation method

## SDS EU (REACH Annex II)

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

