

Riedwiesenstrasse 5

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Safety data sheet

In compliance with Regulation (EC) No 2020/878

	GREEN F	OREST 354034-F
1.	IDENTIFICATION OF THE PREPARA	FION AND THE COMPANY
1.1	Product Identifier Product Identifier/ No: UFI:	Fragrance Pin – GREEN FOREST 354034-F F39X-K09A-T005-DPQR
1.2	Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3	Details of the supplier of the safety data sheet:	Stadler Form Aktiengesellschaft Chamerstrasse 174 CH-6300 Zug Tel. +41 41 720 48 48 Email: info@stadlerform.com
1.4	Emergency telephone number:	Swiss Toxicological Centre Freiestrasse 16, CH-6030 Zürich Emergeny phone: 145 (24 h) +41 44 251 5151 (from outside of Switzerland)

2. HAZARD IDENTIFICATION

- 2.1 Classification of the substance or mixture
- 2.1.1 Classification according to Regulation (EC) No 1272/2008:



GHS07 Irritation, sensitisation

Skin Irrit. 2 H315 Causes skin irritation. Skin Sens. 1 H317 May cause an allergic skin reaction.



GHS09 Hazards to the aquatic environment

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements

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GREEN FOREST 354034-F

2.2.1 Hazard pictograms:





2.2.2 Signal word

Warning

2.2.3 **Hazard statements:**

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

2.2.4 **Precautionary statements**

General:

P101 If medical advice is needed, have product container or label at hand. P103 Read label before use.

Prevention:

P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P264

Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace. P273

Avoid release to the environment.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response in cases of accidental spillage or exposure:

P302+P352 IF ON SKIN: Wash with plenty of water and soap. P321

Specific treatment

P332+P313 If skin irritation occurs: Get medical advice / attention. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P362 Take off contaminated clothing.

P363 Wash contaminated clothing before reuse. P391

Collect spillage.

Storage:

Disposal:

P501 Dispose of contents/container in accordance with official regulations.

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Hazardous component(s) for labeling:

CAS No: Chemical name:

54464-57-2 1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)

70788-30-6 1-(2,2,6-Trimethylcyclohexyl)hexan-3-ol 80-56-8 4,7,7-Trimethylbicyclo[3.1.1]hept-3-ene

469-61-4 (1S,2R,5S,7S)-2,6,6,8-tetramethyltricyclo $[5.3.1.0^{1},5]$ undec-8- ene

EUH208: Contains an ingredient that may produce an allergic reaction:

CAS No: Chemical name:

54464-57-2 1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)

ethanone

70788-30-6 1-(2,2,6-Trimethylcyclohexyl)hexan-3-ol 80-56-8 4,7,7-Trimethylbicyclo[3.1.1]hept-3-ene

97-53-0 2-Methoxy-4-prop-2-enylphenol

13466-78-9 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene

78-70-6 3,7-Dimethyl-1,6-octadien-3-ol

127-91-3 7,7-Dimethyl-4-methylidenebicyclo[3.1.1]heptane

5989-27-5 1-Methyl-4-prop-1-en-2-ylcyclohexene 115-95-7 3,7-Dimethylocta-1,6-dien-3-yl acetate

87-44-5 (1R-(1R*,4E,9S))-4,11,11-Trimethyl-8-methylenebicyclo(7.2.0)

undec-4-ene

562-74-3 4-Methyl-1-propan-2-ylcyclohex-3-en-1-ol

2.3 Other Hazards This mixture does not contain any PBT (persistent,

> bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) substances according to Directive (EC) No

1907/2006.

This mixture does not contain endocrine disrupting substances according to Regulation (EU) 2017/2100. Handling may cause

static charge which may ignite the mixture

COMPOSITION / INFORMATION ON INGREDIENTS 3.

3.1 **Substances** Not applicable

3.2 **Mixtures**

Mixture of substances listed below with non-hazardous Chemical characterisation

additions

CAS-/EINECS-No Not applicable

Quantity	No	Name	Comment	Classification (GHS)
	REACH No			

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		GREEN FOREST 35	4034-F	
25-50%	103-23-1 203-090-1 01-2119439699-19	bis(2-Ethylhexyl) hexanedioate		-
10-25%	54464-57-2 259-174-3 01-2119489989-04	1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl) ethanone		Aquatic Chronic 1; Skin Sens. 1B; Skin Irrit. 2; H410; H317; H315
5-10%	110-27-0 203-751-4 01-2119541806-35	Propan-2-yl tetradecanoate		-
1-5%	111-90-0 203-919-7 01-2119475105-42	2-(2-Ethoxyethoxy)ethanol		-
1-5%	77-53-2 201-035-6 01-2120790208-49	(1S,2R,5S,7R,8R)-2,6,6,8- Tetramethyltricyclo[5.3.1.01,5] undecan-8-ol		Aquatic Chronic 2; H411
1-5%	70788-30-6 274-892-7 01-2120768938-30	1-(2,2,6-Trimethylcyclohexyl) hexan-3-ol		Skin Irrit. 2; Skin Sens. 1B; Aquatic Chronic 2; H315; H317; H411
1-5%	80-56-8 201-291-9 -	4,7,7-Trimethylbicyclo[3.1.1]hept- 3-ene		Asp. Tox. 1; Aquatic Chronic 1; Aquatic Acute 1; Acute Tox. 4 oral; Skin Irrit. 2; Flam. Liq. 3; Skin Sens. 1B; H304; H410; H400; H302; H315; H226; H317
1-5%	469-61-4 207-418-4 -	(1S,2R,5S,7S)-2,6,6,8- tetramethyltricyclo[5.3.1.0^{1,5}] undec-8-ene	M = 10	Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; Skin Irrit. 2; H304; H400; H410; H315
< 1%	97-53-0 202-589-1 01-2119971802-33	2-Methoxy-4-prop-2-enylphenol		Eye Irrit. 2; Skin Sens. 1B; H319; H317
< 1%	13466-78-9 236-719-3 -	3,7,7-trimethylbicyclo[4.1.0]hept-3 -ene		Aquatic Chronic 2; Asp. Tox. 1; Acute Tox. 4 inh.; Skin Irrit. 2; Flam. Liq. 3; Skin Sens. 1; H411; H304; H332; H315; H226; H317
< 1%	25265-71-8 246-770-3 01-2119456811-38	3-(3-Hydroxypropoxy)propan-1-ol		-

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GREEN FOREST 354034-F (!) 78-70-6 < 1% 201-134-4 3,7-Dimethyl-1,6-octadien-3-ol Skin Irrit. 2; Skin Sens. 1B; 01-2119474016-42 Eye Irrit. 2; H315; H317; H319 127-91-3 Skin Irrit. 2; Flam. Liq. 3; Skin 7,7-Dimethyl-4-< 1% 204-872-5 Sens. 1B; Asp. Tox. 1; Aquatic methylidenebicyclo[3.1.1]heptane Chronic 1; Aquatic Acute 1; H315; H226; H317; H304; H410; H400 5989-27-5 Asp. Tox. 1; Aquatic Chronic 1-Methyl-4-prop-1-en-2- ylcyclohexene < 1% 227-813-5 3; Aquatic Acute 1; Skin Irrit. 2; Skin Sens. 1B; Flam. Liq. 3; H304; H412; H400; H315; H317; H226 546-28-1 (1S,2R,5S)-8-Methylene-2,6,6-< 1% 208-898-8 trimethyl tricyclo(5.3.1.01.5) undecane M = 10Aquatic Acute 1; Aquatic Chronic 1; H400; H410 115-95-7 3,7-Dimethylocta-1,6-dien-3-yl acetate < 1% 204-116-4 Skin Sens. 1B; Skin Irrit. 2; H317; 01-2119454789-19 H315 87-44-5 (1R-(1R*,4E,9S))-4,11,11-Trimethyl < 1% 201-746-1 -8-methylenebicyclo(7.2.0)undec- 4-ene Asp. Tox. 1; Skin Sens. 1B; H304; H317 99-87-6 Acute Tox. 3 inh.; Aquatic < 1% 202-796-7 4-Methyl-1-isopropylbenzene Chronic 2; Asp. Tox. 1; Flam. Liq. 3; Repr. 2; H331; H411; H304; H226; H361 $\langle ! \rangle$ 562-74-3 Skin Irrit. 2; Skin Sens. 1; 4-Methyl-1-propan-2-ylcyclohex-3-en-1-< 1% 209-235-5 STOT SE 3; Acute Tox. 4 oral; Acute Tox. 4 inh.; H315; H317; H336; H302; H332 123-35-3 Aquatic Acute 1; Aquatic Chronic 7-Methyl-3-methyleneocta-1,6- diene < 1% 204-622-5 2; Asp. Tox. 1; Eye Irrit. 2; Flam. Liq. 3; Skin Irrit. 2; H400; H411; H304; H319; H226; H315

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		GREEN FOREST 354	4034-F
< 1%	79-92-5 201-234-8 -	2,2-Dimethyl-3-methylidenebicyclo[2.2.1]heptane	Flam. Sol. 1; Aquatic Acute 1; Aquatic Chronic 1; H228; H400; H410
< 1%	99-85-4 202-794-6 -	1-Methyl-4-propan-2-ylcyclohexa- 1,4-diene	Asp. Tox. 1; Aquatic Chronic 2; Flam. Liq. 3; Repr. 2; H304; H411; H226; H361

4.	FIRST AID MEASUF	RES
4.1	Description of first aid	l measures
	General advice:	Seek medical advice and show this safety data sheet.
	Inhalation:	Remove affected person to fresh air and if unconscious place in recovery position. Seek medical attention for safety reasons.
	Skin Contact:	Wash with plenty of soap and water. Remove contaminated clothing and clean before reuse.
	Eye Contact:	Immediately remove contact lenses and rinse eyes thoroughly under running water with eyelids open (15 minutes). Seek medical attention if signs of tissue damage or irritation persist.
	Ingestion:	Keep airways clear, do not administer milk or alcoholic beverages. Never administer anything orally to an unconscious person. If symptoms persist, consult a physician.
4.2	Most important symp	toms and effects, both acute and delayed
		No further relevant information available.
4.3	Indication of immedia	te medical attention and special treatment needed
		No further relevant information available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

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GREEN FOREST 354034-F Suitable extinguishing agents: - Dry extinguishing agent - Alcohol resistant foam - Carbon dioxide - Water spray Unsuitable extinguishing agents: - Direct water jet can spread the fire 5.2 Special hazard arising from the substance or mixture Do not allow waste water from firefighting to enter sewers/surface waters/groundwater. 5.3 Advice for fire-fighters Avoid inhalation of smoke and fumes. In case of insufficient ventilation, use breathing apparatus. Contaminated extinguishing water must not be allowed to enter the sewage system and must be disposed of in accordance with local official regulations.

	ACCIDENTAL RELE	ASE MEASURES			
6.1	Personal precautions,	protective equipment and emergency procedures			
6.1.1	For non-emergency personnel:	Wear suitable protective gloves when handling spilled material. Do not smoke. Avoid open flames and other sources of ignition. Avoid contact with skin. Do not inhale vapors. Individual cleaning after possible contact. Ensure adequate ventilation.			
6.1.2	For emergency personnel:	Apply the same recommendations as section 6.1.1			
6.2	2 Environmental precautions				
		Do not allow to enter drains/surface waters/groundwater. In case of contamination of water, inform the competent authorities.			
6.3	Methods and material	for containment and cleaning up			
6.3.1	For containment:	Set up barriers and cover the sewage system to prevent large- scale spread.			
6.3.2	For cleaning-up:	Immediately absorb with suitable liquid-binding and non- flammable materials (e.g. sand, silica gel, universal binder). Collect bound material in suitable and sealable containers and dispose of in accordance with official regulations.			
6.4	Reference to other sections:	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.			

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7.	HANDLING AND STORA	AGE
7.1	Precautions for safe handl	ing
		Avoid contact with skin and eyes. Wear suitable protective gloves and goggles / face shield. Do not smoke. Avoid all sources of ignition. Avoid excessive temperature during processing. Do not ingest or apply directly to skin. Good ventilation of storage and work place.
7.1.1	Protective measures:	Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.
7.1.2	Advice on general occupational hygiene:	Do not eat / drink / smoke at the workplace. Wash hands after use. Immediately remove contaminated clothing and protective equipment and clean before reuse.
7.2	Conditions for safe storage	e, including any incompatibilities
7.2.1	Requirements to be met S rooms and receptacles:	Store tightly closed and dry in containers that are as full as possible by store in a well-ventilated area. Keep away from heat sources. Protect from extreme temperatures. Store at room temperature (10 - 30 °C). Protect from exposure to light. Do not reuse empty containers. Storage class according to TRGS 510: 10
7.2.2	Information about storage in one common storage facility:	Do not store together with storage classes 1/4.2/4.3/5/6.2/7.
7.2.3	Further information about storage conditions:	The product may discolor due to prolonged storage. Crystallization is possible with cool storage. If necessary, warm slightly (40 °C) and mix well before use.
7.3	Specific end use(s)	
		Perfuming of consumer products

8.1	Control parameters					
	Ingredients with limit values that require monitoring at the workplace					
	Name			CAS I	No	
	Name Type	Short-term value	Long-term value	CAS I	No Comment	

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2-(2-Ethoxy	ethoxy)ethanol				111	-90-0
MAK	140	24	35	6	AT	
MAK	100		50		СН	SSc
AGW			35	6	DE	2(I);AGS, Y 11
LEP	100		50		ES	Propuesta de modificac
OEL	170	30	80	15	SE	H, V
MV	70	12	35	6	SI	Y
3,7,7-trimet -ene	hylbicyclo[4.1.0	hept-3			134	166-78-9
VL				20	BE	
LEP			113	20	ES	Sen
VLE				20	PT	S;A4; Irrit. TRS, cutânea; SNC; lesão
OEL	300	50	150	25	SE	S
3-(3-Hydrox	xypropoxy)prop	an-1-ol			252	265-71-8
MAK	280		140		СН	SSc
AGW			100		DE	2(II);DFG,
MV	200		100		SI	Inhalabilna frakcija, Y
1-Methyl-4- ylcyclohexe	prop-1-en-2- ne				598	89-27-5
MAK	80	14	40	7	СН	S SSc
AGW			28	5	DE	4(II);DFG, I Sh, Y
LEP			168	30	ES	Sen, vía dérmica
LEF	280	50	140	25	FI	
НТР			140	25	NO	A
			140			
HTP AG	112	20	28	5	SI	K, Y
HTP AG MV	112 isopropylbenzer			5		K, Y 87-6
HTP AG MV				25		
HTP AG MV 4-Methyl-1-	isopropylbenzei	ie .	28		99-	

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		GREEN FOREST 354034-F			
3.2.1	Engineering measures				
		Ensure adequate ventilation, especially in confined areas.			
	Additional information about design of technical facilities:	No further data, see item 7.			
8.2.2	Personal protective equipment				
	Respiratory protection:	In case of insufficient ventilation use respirator (according to EN 14387 or other governmental standards such as CEN accordingly).			
	Gloves:	Wear solvent resistant gloves according to EN 374. The permeation time must exceed the contact time.			
	Eye protection:	Use safety goggles and face shield tested according to EN 166.			
	Body protection:	Wear work clothes that cover arms and legs.			
	Hygiene measures:	Avoid contact with skin and eyes. Do not eat/drink/smoke during use. Wash hands after use.			
8.2.3	Limitation and supervisi	ion of exposure into the environment			
		Take precautions to prevent the product from entering the sewage system. In case of contamination of water or sewage system, inform the responsible authorities.			

9.	PHYSICAL AND CHEM	IICAL PROPERTIES
9.1	Information on basic phy	vsical and chemical properties
	State of aggregation:	liquid
	Color:	lightyellow
	Odor:	woody - spicy - herbaceous
	Melting point/Freezing point:	Not determined
	Boiling point/Boiling range:	Not determined
	Flammability:	Not determined
	Lower and upper explosion limits:	Not determined

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		GREEN FORES'	Г 354034-F
	Flash point (°C):	89.0	Method: Pensky-Martens, closed cup
	Ignition temperature (°C):	Not determined	
	Decomposition temperature (°C):	Not determined	
	pH value:	Non-aqueous product	
	Kinematic viscosity:	Not determined	
	Solubility:	Not determined	
	Partition coefficient noctanol/water (log value):	Not determined	
	Vapor pressure:	Not determined	
	Relative density:	0.9303	
	Relative vapor density:	Not determined	
	Particulate properties:	Not determined	
9.2	Other information		
	Solvent content:	59.3%	
	VOC:	0.55%	

10.	STABILITY AND REAC	CTIVITY
10.1	Reactivity:	No reaction known with water.
10.2	Chemical Stability:	Good stability at standard temperature.
10.3	Possibility of hazardous reactions:	No decomposition when properly stored and used.
10.4	Conditions to avoid:	Avoid excessive heat above at least 5 °C below flash point for flammable liquids. Do not heat closed containers.
10.5	Incompatible materials:	Do not store together with storage classes 1 / 4.2 / 4.3 / 5 / 6.2 / 7.
10.6	Hazardous decomposition products:	Proper use, contact with water or storage under recommended conditions should not produce hazardous decomposition products.

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11.	TOXICOLOGICAL INFO	DRMATION
11.1	Information on hazard cla	sses according to Regulation (EC) No 1272/2008
	Acute toxicity:	The classification criteria are not met.
	Skin corrosion/irritation:	Causes skin irritation.
	Serious eye damage / irritation:	The classification criteria are not met.
	Respiratory or skin sensitisation:	May cause an allergic skin reaction.
	CMR effects:	
	Germ cell mutagenicity: Carcinogenicity: Reproductive toxicity:	The classification criteria are not met. The classification criteria are not met. The classification criteria are not met.
	Specific Target Organ Toxicity – single exposure:	The classification criteria are not met.
	Specific Target Organ Toxicity – repeated exposure:	The classification criteria are not met.
	Aspiration hazard:	The classification criteria are not met.
11.2	Information on other haza	rds
	Endocrine disrupting properties:	No substances with endocrine-disrupting properties contained according to the criteria from Regulations (EC) No. 1907/2006, (EU) 2017/2100, (EU) 2018/605.
	Other information:	No data available

12.	ECOLOGICAL INFO	DRMATION
12.1	Toxicity:	No data available for the mixture. The product must be labeled according to Regulation (EC) No. 1272/2008 (CLP) in the currently valid version.
12.2	Persistence and degradability:	No data available for the mixture.

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12.3	Bioaccumulative potential:	No data available for the mixture.
12.4	Mobility in soil:	No data available for the mixture.
12.5	Results of PBT and vPvB assessment:	This mixture does not contain substances classified as PBT or vPvB.
12.6	Endocrine disrupting properties:	This mixture does not contain any substances with endocrine- disrupting properties according to the evaluation criteria set out in (EC) No. 1907/2006, (EU) 2017/2100, (EU) 2018/605.
12.7	Other adverse effects:	In case of improper handling or disposal, an environmental hazard cannot be excluded.

13.	DISPOSAL CONDITI	IONS
13.1	Waste treatment methods:	Do not dispose of residues/waste of the product via sewers/wastewater, but treat according to the instructions mentioned above, see points 6, 7 and 8. Do not reuse empty containers and do not incinerate. Hand over residual/waste product and contaminated packaging to an authorized disposal company. Dispose of in accordance with official regulations.

14. TRANSPORT INFORM	ATION
14.1 UN number or ID numbe	r
ADR:	UN 3082
IMDG:	UN 3082
IATA:	UN 3082
14.2 UN proper shipping nam	e
ADR:	Environmentally hazardous substance, liquid, n.o.s. (1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone, Mixture)
IMDG:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone, Mixture)
IATA:	Environmentally hazardous substance, liquid, n.o.s. (1-(2,3,8,8-Tetramethyl-1,3,4,5,6,7-hexahydronaphthalen-2-yl)ethanone, Mixture)
14.3 Transport hazard classes	

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GREEN FOREST 354034-F ADR: 9 9 **IMDG** 9 IATA: 14.4 Packing group ADR: Ш IMDG: Ш IATA: Ш 14.5 **Environmental hazards** Marine pollutant: Special marking (ADR): Special marking (IATA): EMS code: F-A, S-F 14.6 Special precautions for the user

The transport classifications provided herewith are based on the properties of the unpackaged material according to this Safety Data Sheet. Refer to sections 2, 7 and 8.

14.7 Carriage of bulk cargo by sea in accordance with IMO instruments

Not applicable.

15. REGULATORY INFORMATION

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

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15.1. 1 Directive 2012/18/EU (Seveso)

Named hazardous substances -

None of the substances are included.

Annex I:

Seveso Category: E1 hazardous to the aquatic environment 100 t

200 t

15.1. 2 Regulation (EC) No 1907/2006 (REACH)

Annex XIV - List of substances

subject to authorization:

None of the substances are included.

Substances of very high concern

(SVHC):

None of the substances are included.

Annex XVII - Restriction on the manufacture, placing on the market and use of certain dangerous

substances, mixtures and articles:

None of the substances are included.

Restriction: 3

15.1.3 Water hazard class (Germany)

WGK 2 - clearly hazardous to water

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this mixture.

16. Other information

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GREEN FOREST 354034-F 16.1 Full text of abbreviated H226 Flammable liquid and vapour. H228 Flammable solid. **H-phrases** H302 Harmful if swallowed. May be fatal if swallowed and enters airways. H304 H315 Causes skin irritation. H317 May cause an allergic skin reaction. Causes serious eye irritation. H319 H331 Toxic if inhaled. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness.

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GREEN FOREST 354034-F

16.5 Reason for revision Change from previous revision:

Updated classification information of the mixture ingredients (section

3.2)

The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way.

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