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2.3 **Other hazards:** not known

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1.	SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/					
	UNDERTAKING					
1.1	Product identifier:					
	Name:	FRAGRANCE STICKS AMPLE				
	Registration number:	Not applied for the mixture				
1.2	Relevant identified uses of the mixture:	Perfumed lotion for air refreshing				
	Uses advised against:	not known				
1.3	Details of the supplier of the safety data sheet: HUMDAKIN					
	The full address:	Estrupvej 1, 8380 Trige, Denmark				
	Telephone:	+45 6014 1588				
	E-mail address for a competent person	msds@czechaerosol.cz				
	responsible for the safety data sheet:					
1.4	Emergency telephone number:	+45 82 12 12 12 (continuously)				
	(information only for health risks – acute	Poison Information Center				
	intoxication of humans and animals)	Bispebjerg Hospital				
		Bispebjerg Bakke 23, 2400 Copenhagen, Denmark				

2	CECTION 2. HAZADDC IDEN	THE CATIONS				
2. 2.1	SECTION 2: HAZARDS IDEN	cording to Regulation (EC) No 1272/2008 of the European Parliament and of				
2.1	the Council as amended:					
	Flam. Liq. cat.2, H225					
	Skin. Sens. cat.1B, H317					
	Eye Irrit. cat.2, H319					
	Aquatic Chronic cat.3, H412					
	The most important adverse effect	tç.				
	- physical: The mixture is classifi					
		re is classified as Eye Irrit. cat.2 and Skin. Sens. cat.1B				
		e is classified as Aquatic Chronic cat.3				
2.2		gulation (EC) No 1272/2008 of the European Parliament and of the Council as				
2.2	amended:	guidion (20) 110 12/2/2000 of the European Farmament and of the council as				
		\wedge				
		<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>				
	Hazard pictogram(s):	Donasa				
	Signal word(s): Danger					
	Hazard statement(s):	H225 Highly flammable liquid and vapour. H317 May cause an allergic skin				
		reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life				
		with long lasting effects.				
	Precautionary statement(s):					
		en. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition				
		d release to the environment. P302+P352 IF ON SKIN: Wash with plenty of				
	water/soap. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,					
	if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P501					
	Dispose of contents/container to the hazardous waste collection point.					
	Other usable label elements: TA	CTILE WARNINGS				
		ents of the mixture: Contains: Limonene, Linalool, Heliotropine, Cis-4-tert-				
	butylcyclohexyl acetate, Citronel					

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3.	SECTION 3: CO	MPOSITI	ON/INFORMAT	TON ON INC	GREDIENTS			
3.2	3.2 The mixture: FRAGRANCE STICKS AMPLE contains these hazardous ingredients:			Classification according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council				
Chemical name		Range of content %w/w	Reg. No	CAS EC	Hazard classes, Category codes *	H-phrases *	Specific concentration limit	M-factor
Ethanol		<75	01-2119457610-43	64-17-5 200-578-6	Flam.Liq.2 Eye Irrit.2	225 319	c ≥ 50%	-
Limonene		<1	-	138-86-3 205-341-0	Flam.Liq 3 Asp. Tox. 1 Skin Irrit. 2 Skin Sens.1B Aquatic Acute 1 Aquatic Chronic 1	226 304 315 317 400 410	ı	1 1
Linalyl acetate		<1	01-2119454789-19	115-95-7 204-116-4	Skin Irrit.2 Eye Irrit.2	315 319	-	-
Linalool		<1	01-2119474016-42	78-70-6 201-134-4	Skin Irrit.2 Skin Sens.1B Eye Irrit.2	315 317 319	-	-
Heliotropine (Piperonal)		<1	01-2119983608-21	120-57-0 204-409-7	Skin Sens.1B	317	-	-
Cis-4-tert-butylcyclohexyl acetate		<1	01-2119976287-22	10411-92-4 233-881-7	Acute Tox.4 Skin Sens.1B	302 317	-	-
Citronellol		<1	01-2119453995-23	106-22-9 203-375-0	Skin Irrit.2 Skin Sens.1B Eye Irrit.2	315 317 319	-	-
Benzy	yl acetate	<1	01-2119638272-42	140-11-4 205-399-7	Aquatic Chronic 3	412	-	-
2-phenylethanol		<1	01-2119963921-31	60-12-8 200-456-2	Acute Tox. 4 Eye Irrit.2	302 319	-	-
2,6-dimethyloct-7-en-2-ol		<1	01-2119457274-37	18479-58-8 242-362-4	Skin Irrit.2 Eye Irrit.2	315 319	-	-
Butylphenyl Methylpropional		<1	01-2119485965-18	80-54-6 201-289-8	Acute Tox.4 Skin Irrit. 2 Skin Sens.1B Repr. 2 Aquatic Chronic 2	302 315 317 361 411	-	-

Notes: * For the full wording of H-phrases, Hazard classes and Category codes see section 16.

Exposure limit values are listed in the section 8 if established.

4.	SECTION 4: FIRST AID MEASURES
4.1	Description of first aid measures:
	Inhalation: Remove to fresh air.
	Skin contact: Take off contaminated clothes. Wash skin with water and soap.
	Eyes contact: Flush with plenty of pure water. In case of persistent inflammation, take the advice of ophthalmologist.
	Ingestion: Do not induce vomiting! Obtain medical attention, show him the packaging of product.
4.2	Most important symptoms and effects, both acute and delayed: Eyes contact: eye irritation. Skin contact: skin
	sensitisation.
4.3	Indication of any immediate medical attention and special treatment needed: Immediate medical attention is
	required only in case of ingestion of a big amount of the mixture.

5.	SECTION 5: FIREFIGHTING MEASURES		
5.1	Extinguishing media: foam, dry chemical, carbon dioxide, water mist		
	Unsuitable extinguishing media: water jet		
5.2	Special hazards arising from the substance or mixture: In fire can emit toxic fumes.		
5.3	Advice for firefighters: Wear a self-contained respirator and protective clothing. Avoid rejection of extinguishing		
	water in the environment.		

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6.	SECTION 6: ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions, protective equipment and emergency procedures:		
6.1.1	For non-emergency personnel: No smoking. Eliminate sources of ignition. Provide good ventilation.		
6.1.2	a) use suitable protective aids (see section 8).		
	For emergency responders: No smoking. Eliminate sources of ignition. Provide good ventilation.		
	a) use suitable protective aids (see section 8).		
6.2	Environmental precautions: Prevent from spreading or entering into ground, drains, ditches or rivers.		
6.3	Methods and material for containment and cleaning up: Spilled content impound and absorb on inert powdered		
	material (sand, cement, lime). Place in suitable container for recovery or destroying according to regional legislation.		
6.4	Reference to other sections: Disposing of wastes see section 13.		

7.	SECTION 7: HANDLING AND STORAGE
7.1	Precautions for safe handling: During handling avoid contact of mixture with your skin and eyes. Use only as
	directed. Dispose of unexpended product as a hazardous waste.
7.2	Conditions for safe storage, including any incompatibilities: Keep at temperatures 0°C to 30°C in dry rooms.
	Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
	smoking.
7.3	Specific end use(s): not relevant

8.	SECTION 8: EXPO	SURE CONTROLS/PI	ERSONAL 1	PROTECT	ION		
8.1	Control parameters:						
	National (Danish) occupational exposure limit values:						
	Name of substance	CAS	TWA / 8 hours		STEL / short time		Notes
			mg/m^3	ppm	mg/m ³	ppm	
	Ethanol	64-17-5	1900	1000	3800	2000	=
		es according to Commi	ssion Directi	ves 2000/3	9/EC, 2006/1	15/EC, 200	9/161/EU and
	2017/164/EU: not est		_				
	Name of substance	CAS	TWA / 8 l	nours	STEL / sho	ort time	Notes
			mg/m ³	ppm	mg/m ³	ppm	
	-	-	-	-	-	-	-
		es: not prescribed for t					
		lues of substances in tl	ne mixture (MSDS of su	applier, Infor	mation fro	m the ECHA):
	Ethanol						
	DNEL:				3		
		exposure - systemic effect					
Workers: Acute/short term exposure - local effects, Inhalation route: 1900 mg/m ³ Workers: Long term exposure - systemic effects, Dermal route: 343 mg/kg bw/day							
	General Population: Long term exposure - systemic effects, Inhalation route: 114 mg/m ³ General Population: Acute/short term exposure - local effects, Inhalation route: 950 mg/m ³ General Population: Long term exposure - systemic effects, Dermal route: 206 mg/kg bw/day General Population: Long term exposure - systemic effects, Oral route: 87 mg/kg bw/day						
							,
	PNEC:	ganisms: Aqua (freshwa	tor): 0.06 mg	r/1 A aug (n	aorina watar)	. 0.70 ma/l	A aug (intermittent
		STP: 580 mg/l, Sediment					
	mg/kg sediment dw	11. 300 mg/1, sedimen	i (iiesiiwatei). 5.0 mg/kg	g sediment av	w, Scullife	iii (marine water). 2.9
		organisms: Soil: 0.63 m	o/ko soil dw				
		Secondary poisoning, O		38-0 72 g/k	g food		
8.2	Exposure controls:	secondary possessing, o	141 10400	00 011 2 8/11	<u>g</u> 100 0		
8.2.1	_	ering controls: are not n	ecessary for	nonprofessi	ional applica	tion.	
8.2.2		n measures, such as per					
		and respiratory prote				ation none	when used as directed.
		lone when used as direct		- 1	**		
8.2.3	Environmental expo	sure controls: Prevent	release to th	e environme	ent.		

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9.	SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES				
9.1	Information on basic physical and chemical properties:				
	Appearance: Physical state (at 20°C): liquid				
		Colour: pale yellow			
	Odour:	By used perfume			
	Odour threshold:	Not relevant for this mixture			
	pH (1% in water):	6-7			
	Melting point/freezing point:	Not available			
	Initial boiling point and boiling range:	ca 80°C			
	Flash point:	22°C			
	Evaporation rate (ethanol):	6.3 (ether = 1)			
	Flammability:	Highly flammable			
	Flammability limits (ethanol):	upper (%v/v): 19; lower (%v/v): 3.3			
	Vapour pressure at 20 ^o C (ethanol):	5.8 kPa			
	Vapour density (air=1):	Not available			
	Relative density 20 ^o C:	860-883			
	Solubility(ies):	In water: partially soluble, in fats (oil): partially soluble			
	Partition coefficient: n-octanol/water:	Log P (o/w) = -0.3 (Ethanol at 25° C and pH 7)			
	Auto-ignition temperature (ethanol):	$363-426^{\circ}$ C			
	Decomposition temperature:	Not available			
	Viscosity:	Not available			
	Explosive properties:	Not relevant for this mixture			
	Oxidising properties:	Not relevant for this mixture			
9.2	Other information:	Temperature Class (ethanol): T 2, explosion group: II B, calorific value: 24.8 MJ/kg			

10.	SECTION 10: STABILITY AND REACTIVITY
10.1	Reactivity: no known reactions
10.2	Chemical stability: the mixture is stable under normal ambient and anticipated storage
10.3	Possibility of hazardous reactions: not known
10.4	Conditions to avoid: even short-time temperatures above 30°C
10.5	Incompatible materials: strong corrosive and oxidizing materials, alkali metals
10.6	Hazardous decomposition products: during thermal decomposition can be produced carbon oxides and nitrogen
	oxides

SECTION 11: TOXICOLOGICAL INFORMATION Information on toxicological effects: not determined for the mixture			
Toxicological effects of the main Ethanol			
substances:	(Information from the ECHA)		
a) acute toxicity:			
- LD ₅₀ oral, rat (mg/kg):	7060		
- LD ₅₀ dermal, rabbit (mg/kg):	17100		
- LC ₅₀ inhalation, rat (mg/L):	53 (6h)		
b) skin corrosion/irritation:	Is not corrosive/Slightly irritating to skin		
c) serious eye damage/irritation:	Does not causes serious eye damage/Irritating to eyes		
d) respiratory or skin sensitisation:	Is not sensitizing for respiratory or skin		
e) germ cell mutagenicity:	{based on available data, the		
f) carcinogenicity:	classification criteria are not met		
g) reproductive toxicity:	{based on available data, the		
h) STOT-single exposure:	classification criteria are not met		
i) STOT-repeated exposure:	{based on available data, the		
j) aspiration hazard:	classification criteria are not met		

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11.1.6	Symptoms related to the physical, chemical and toxicological characteristics:			
	- skin (long-term exposition): drying, slightly irritating to skin, can cause skin sensitisation and skin dryness			
	- eyes: irritating to eyes			
	- ingestion (big amount): nausea, vomiting			
11.1.7	Delayed and immediate effects as well as chronic effects from short and long-term exposure: Not observed			
11.1.8	Interactive effects: Not observed			
11.1.9 11.1.10	Absence of specific data: Not available			
11.1.10	Mixtures: The mixture has not been tested for its health effects as a whole.			
11.1.11	Mixture versus substance information: At the mixture are not expected worse effects on health than at single			
11 1 12	substances			
11.1.12	Other information: None			

12.	SECTION 12: ECOLOGICAL INFORMATION		
12.1	Toxicity: acute toxicity for aquatic organisms: not determined for the mixture, for the main substance Information		
	from the ECHA:		
	LC ₅₀ 96h,fish (mg/L): 13000 (Ethanol)		
	$EC_{50}48h$,daphnia (mg/L): > 10000 (Ethanol)		
	EC ₅₀ 72h,algae (mg/L): 275 (Ethanol)		
	- NOEC,24d,fish (mg/L): > 1 (Ethanol)		
	- NOEC,21d,daphnia (mg/L): > 10 (Ethanol)		
	Effects on activated sludge bacteria: not observed		
12.2	Persistence and degradability:		
	Persistence: The solvent (ethanol) is quickly degradable through biodegradation and photochemical oxidation.		
	The potential of substances in a mixture to degrade in sewage treatment plants: Not determined.		
	Degradability: No data available		
12.3	Bioaccumulative potential: Not supposed significant bioaccumulative potential regarding to low Log $P_{(o/w)}$ value		
12.4	Mobility in soil: No data available		
12.5	Results of PBT and vPvB assessment: based on actual information, ingredients of the mixture are not PBT/vPvB		
12.6	Other adverse effects: Not observed		

13.	SECTION 13: DISPOSAL CONSIDERATIONS
13.1	Waste treatment methods:
	Specification of packaging: glass, paper, cardboard
	Suitable methods for disposal of the mixture and packaging : dispose in a hazardous wastes collection point or hand
	over to the authorized person. Dispose in accordance with applicable laws and regulations for waste disposal. A
	packaging contaminated by a dangerous content is considered to be a dangerous waste (catalogue Nr. 150110*).
	Physical/chemical properties that may affect waste treatment options: the mixture is highly flammable
	Sewage disposal: not allowed
	Special precautions for recommended waste treatment options (only for disposal of a big amount of the mixture):
	Regarding to the flammability of the mixture is necessary to dispose it in a well-ventilated area away from sources of
	ignition. No smoking.
	Directive 2008/98/EC of the European Parliament and of the Council with all amendments.

14.	SECTION 14: TRANSPORT INFORMATION			
	Special precautions: none			
	Transport classification:			
	ADR/RID:	ICAO/IATA:	IMDG:	
14.1	UN number: 1170	UN number: 1170	UN number: 1170	
14.2	UN proper shipping name:	UN proper shipping name:	UN proper shipping name:	
	ETHANOL, SOLUTION	ETHANOL, SOLUTION	ETHANOL, SOLUTION	
14.3	Transport hazard class(es): 3	Transport hazard class(es): 3	Transport hazard class(es): 3	
	Classification code: F1	Labels: Flamm.Liq.	Subsidiary risk: no	
14.4	Packing group: II	Packing group: II	Packing group: II	
	Limited quantity: 1 L	LQ: 1 L	Limited quantity: 1 L	
	Tunnel restriction code: D/E		-	

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14.5 **Environmental hazards:** Marine pollutant: no they are not EMS: F-E, S-D

14.6 **Special precautions for user:** none

14.7 **Transport in bulk according to Annex II of Marpol and the IBC Code:** The product is not intended to be carried in bulk according to the following IMO instruments: Annex II of Marpol and the IBC Code.

15. SECTION 15: REGULATORY INFORMATION 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) with all amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council with all amendments. 15.2 Chemical safety assessment: A chemical safety assessment has not been carried out for this mixture by the supplier.

16. SECTION 16: OTHER INFORMATION

16.1 List of relevant H-phrases, Hazard classes and Category codes listed in the section 3:

H225 Highly flammable liquid and vapour. 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. H361 Suspected of damaging fertility or the unborn child. 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.

Flam. Liq. 2 - Flammable liquids, Hazard Category 2

Flam. Liq. 3 - Flammable liquids, Hazard Category 3

Acute Tox. 4 - Acute toxicity (oral), Hazard Category 4

Asp. Tox. 1 - Aspiration hazard, Hazard Category 1

Skin Irrit. 2 - Skin irritation, Hazard Category 2

Skin Sens. 1B - Sensitisation - Skin, hazard category 1B

Eye Irrit. 2 - Serious eye irritation, Hazard Category 2

Repr. 2 - Reproductive toxicity, Hazard Category 2

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, Category3

16.2 Instructions for training:

Persons who handle the product shall be instructed about the handling hazards and requirements for the health and environment precaution (see the appropriate provisions of the Labour Code).

Access to information:

Each employer shall in accordance with Article 35 of the Regulation (EC) No 1907/2006 of the European Parliament and of the Council provide access to information from the safety data sheet to all personnel who use this product or are exposed to its effects at work, as well as to their representatives.

Classification of the mixture was carried out by using the calculation method according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council as amended.

The information provided in this safety data sheet is supplied in good faith and is accurate at the date of its publication. The information will be updated as and when appropriate. It is not a specification of product nor does it list its uses, for which the label on the packaging should be carefully studied. In compiling the safety data sheet due account has been taken of all proper and recommended applications of the product of which we are aware and any user must consult us before applying it to any novel or unusual use. The company accepts no responsibility unless the product is used as recommended.

Sources for compilation of SDS: SDS of ingredients of the mixture, ECHA databases, information on substances IUCLID Datasets

16.3 List of used abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ECHA: European Chemicals Agency

EMS: Environmental Management System

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

IUCLID: International Uniform Chemical Information Database

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DNEL: Derived No-Effect Level

EC₅₀: Effective Concentration for inhibiting 50% of the tested organisms

EL₅₀: Effective Loading for inhibiting 50% of the tested organisms

IC₅₀: Inhibitory Concentration for 50% of tested organisms

LC₅₀: Lethal Concentration for 50% of tested organisms

LD₅₀: Lethal Dose for 50% of tested organisms

LL₅₀: Lethal Loading for 50% of tested organisms

LQ: Limited Quantity
NOEC: No Observed Effect Concentration

NOEL: No Observed Effect Level

NOELR: No Observed Effect Loading Rate

NPK-P: Maximal Permissible Concentration in Working Climate

PEL: Permissible Exposure Limit

PNEC: Predicted No Effect Concentration

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit TWA: Time-Weighted Average

Changes to the previous version of the SDS: none 16.4

Changes in the revision of the safety data sheet are distinguished by italics.