

Trade name: Caramel Aroma / EFLA 073079

Substance number: 321810

Version: 2 / CH

Replaces Version: 1 / CH

Date revised: 06.08.12 Date of printing: 06.08.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Caramel Aroma / EFLA 073079 Item-No. 32181000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

flavoring agent, Active pharmacutical substance

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG Industriestrasse 35 9101 Herisau Telephone no. 0041 (0)71 353 58 58 E-mail address of sdb@haenseler.ch person responsible for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

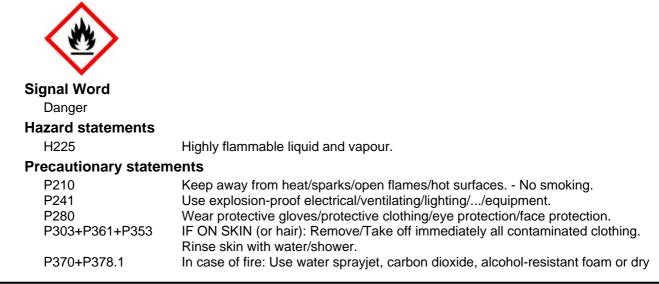
Classification (Regulation (EC) No. 1272/2008) Flam. Liq. 2 H225

Classification in accordance with EC directives Classification R10

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



	ance with regula	ation (EC)	No 1907	7/2006		HANSELER AG Partnership to success	
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ubstance number: 321810		Version:	2 / CH			Date revised: 06.08.	
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		-					
P403+P233 P501.3	powder for ex Store in a we Disposal in co	ll-ventilated					
Labelling in accor	dance with E	C directi	ves 19	99/45/E	EC and 6	7/548/EEC	
The product is class	ified and labelled	l in accorda	ance wit	h EC dire	ectives/the	relevant national laws.	
R phrases							
10	Flammable.						
S phrases							
7	Keep contain						
16 60	Keep away fr						
00	This material			iusi be u	isposed of	as hazardous waste.	
B. Composition/info	<u>rmation on</u>	ingredi	ents				
Hazardous ingredie	nts						
Ethanol							
CAS No.	64-17-5						
EINECS no.	200-578-6	50		100	0/		
Concentration Classification	F, R11	50	-	100	%		
Classification (Regu	·	272/2008)	H225				
3,4-dihydrocoumarin	n						
CAS No.	119-84-6						
EINECS no.	204-354-9						
Concentration	<= X= D00	2.5			%		
Classification	Xn, R22 Xi, R43						
	lation (EC) No. 1	272/2009)					
Classification (Pogu	Acute Tox. 4	212/2000)	H302				
Classification (Regu							

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

By continuous complaints consult a physician.

5. Firefighting measures

5.1. Extinguishing media



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Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

5.3. Advice for firefighters

Special protective equipment for fire-fighting No special measures required.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons.

6.2. Environmental precautions

Dilute with lot of water. Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).

6.4. Reference to other sections

Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Take precautionary measures against electrostatic loading.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Further information on storage conditions Keep container tightly closed.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Ethanol

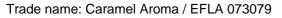
List	SUVA			
Туре	MAK			
Value	960	mg/m³	500	ppm(V)
Short term exposure limit	1920	mg/m ³	1000	ppm(V)
Maximum limit value: 4x15;	Pregnancy gro	oup: C; Status: 2005;		

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures



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Wash hands before breaks and after work.

Respiratory protection

Not necessary.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Eye protection

Tightly fitting safety glasses

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Forr	n	liquid		• •	
Colo	bur	yellow			
Odo	our	characteris	stic		
рН					
R	emarks	Not determ	nined		
Melt	ing point				
R	emarks	Not determ	nined		
Flas	sh point				
V	alue	22			°C
Flan	nmability				
N	lot self inflammable				
Exp	losion limits				
	ower explosion limit	2.6	6		%(V)
U	pper explosion limit	19	.0		%(V)
-	our pressure				
	alue	59			hPa
	emperature	20		°C	
Den	•				
	alue		395	°C	g/cm³
	emperature	20		5	
	ubility in water	• • • •	,		
	emarks	Completely	y miscib	le	
	bility in other solvents				
	rganic solvents alue	72	5		%
		12	.0		70
-	tion temperature	36	3		°C
-		50	5		C
	rmal decomposition	No dooom	nonition	if used as prescrib	od
		No decom	position	if used as prescrib	eu.
9.2. Oth	er information				
Othe	er information				
F	orms esplosive mixture with air	r are possibl	le.		

10. Stability and reactivity

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10.4. Conditions to avoid		
Thermal decomposition		
Remarks	No decomposition if used as prescribe	ed.
10.6. Hazardous decomposi No hazardous decomposition	•	
11. Toxicological informa	ation	
11.1. Information on toxicol	ogical effects	
Skin corrosion/irritation		
Remarks	No effect of irritation known.	
Serious eye damage/irrita		
Remarks Sensitization	No effect of irritation known	
Remarks	No sensitation effect known.	
12. Ecological informatio	n an	
-		
12.1. Toxicity		
Fish toxicity Remarks	No data available.	
12.2. Persistence and degra	dability	
Biodegradability	aasiiry	
Remarks	No data available.	
12.6. Other adverse effects		
General information / ecol	logy	
Product is slightly hazardou ground water, water bodies	is to water. Do not allow undiluted product o or sewage system.	or large quantities of it to reach
13. Disposal consideration	ons	
13.1. Waste treatment metho	ods	
Disposal recommendation	-	
EWC waste code EWC waste code	No not dispose with rubbis Should not be released int	h. o the sanitary sewer system.
Disposal recommendation		o the sumary sewer system.
14. Transport information	n	
Land transport ADR/RID	-	
14.1. UN number		
UN 1197		
14.2. UN proper shipping nar EXTRACTS, FLAVOURING		
14.3. Transport hazard class	(es)	
Class	3	

rade name: Caramel Aroma / EFLA 0 Substance number: 321810 14.4. Packing group Packing group Special provision Marine transport IMDG/GGVS 14.1. UN number UN 1197 14.2. UN proper shipping name EXTRACTS, FLAVOURING, 14.3. Transport hazard class(e Class	II 6400 See	Version: 2 / CH Replaces Version: 1 / CH C	Date revised: 06.08 Date of printing: 06.08
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EXTRÀCTS, FLAVOURING, 14.3. Transport hazard class(e Class			
14.3. Transport hazard class(e Class			
Class			
	es) 3		
14.4. Packing group	5		
Packing group	П		
14.5. Environmental hazards			
no			
Air transport ICAO/IATA			
14.1. UN number			
UN 1197			
14.2. UN proper shipping name EXTRACTS, FLAVOURING,			
14.3. Transport hazard class(e			
Class	3		
14.4. Packing group			
Packing group	II		
5. Regulatory information	<u>n</u>		
15.2. Chemical safety assess	ment		
		assessment has not been carried out.	
6. Other information			
R-phrases listed in chapter	3		
11		flammable.	
22	Harmfu	ıl if swallowed.	
43	May ca	ause sensitization by skin contact.	
Hazard statements listed in	chapte	er 3	
H225		flammable liquid and vapour.	
H302		ul if swallowed.	
H317	May ca	ause an allergic skin reaction.	
Supplemental information			
		e previous version of the safety data she sent state of knowledge. However, it sho	
		operties and shall not establish a legally	
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