NATURAL GAMMA DECALACTONE

□□□□□□□: 26.10.2023 □□□□□: 236010

1 □□□□□□□□□

□□□□□

NATURAL GAMMA DECALACTONE

□□□□: NATURAL GAMMA DECALACTONE
CAS□□: 706-14-9
EC□□: 211-892-8

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□

□□□□□□□□□□□□□

□□□□□□□□□□□□

□□□□: Axxence Aromatic GmbH
□□□: Tackenweide 28
□□: D-46446 Emmerich am Rhein
□□□□: + 49 2822 68561 0 □□□□□:+ 49 2822 68561 39
□□□□□: info@axxence.com
□□□: Andreas Goertz □□□□:+ 49 2822 68561 143
□□□□□: andreas.goertz@axxence.com
□□□□□□□: www.axxence.de
□□□□: QM - Regulatory Affairs - Safety Management

□□□□□□□□□□□□□□□: +49 2822 68561 99

2 □□□□□□□□

□□□□□□□□□□

EC □□ No 1272/2008

EC □□ 1272/2008 □□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□

□□□□□□□

This substance is not listed as SVHC (substance of very high concern) in the Candidate List according to Article 59 of REACH.
This substance is not identifed as SVHC (substance of very high concern) and is not subject to autorisation according to Annex XIV of REACH.

3 □□□□□□□□

□□□□

□□□□□: C10 H18 O2
□□□: 170,25

□□□□

CAS□□	□□□	□□
	□□ (EC □□ No 1272/2008)	
706-14-9	NATURAL GAMMA DECALACTONE	100 %

H□□□EUH□□□□□: 16□□□□□□□□ □

NATURAL GAMMA DECALACTONE

SCL□M□□□□□□□□/□□ ATE

CAS□□	EC□□	□□□	□□
	SCL□M□□□□□□□□/□□ ATE		
706-14-9	211-892-8	NATURAL GAMMA DECALACTONE	100 %
	□□: LD50(50%□□□) = >5000 mg/kg; □□: LD50(50%□□□) = >5000 mg/kg		

4 □□□□

□□□□□□□□□□

□□□□□□□

□□□□□□□□□□□□

□□□□□□□□□

□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□

□□□□□□□□□□1□□□□□□□ □□□□□□□□□□□□□□□□□□□□□.

□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□

□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□

5 □□□□□

□□□

□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□

□□□□□□□□

□□□□□□□□□□□□□

□□□□□: □□□□□□□□□□□□□□□□

□□□□

□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□

6 □□□□□

□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□

□□□□□□□□□□□□□□□

□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□

□□□□□□□

□□□ □□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□

□□□□□□□□□□

□□□ □□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□

□□□□□□□□□□

□□□□□: □□□□ □ 7
□□□□□□: □□□□ □ 8

□□□□□: □□□□ □ 13

7 □□□□□□□□□□□□

□□□□□□□□□□□□□

□□□□□□□□□□

□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□ □□□□□□□ □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□

□□□□□□□□

□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□

□□□□□□□□□□□□□□□□

8 □□□□□□□□□□□□

□□□□□□□□

□□□□

□□□□□□□

□/□□□□□□□

□□□□□□□□□□□□□□□□□

□□□□□

□□□□□□□□□□□□□4□□□□□□□□□CE□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□ □□ □□

□□□□□

□□□□□□□

□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□

9 □□□□□□□□□□□

□□□□□□□□□□□□□□

□□□□□:	□□□
□:	
□□:	□□□□□□□□□□□□
□□/□□□□:	< -20 °C
□□□□□□□□□□□□□□□:	285 °C
□□□:	□□□□□□□□
□□□□:	□□□□□□□□
□□□□:	□□□□□□□□
□□□:	136 °C
□□□:	256 °C
□□□□:	□□□□□□□□
□H□ (□ 20 °C):	6,7
□□□:	□□□□□□□□

□□□:	2,18 g/L
(□ 20 °C)	
□□□□□□□□□□	
□□□□□□□□□	
n-□□□□□□□/□□□□□□:	2,72
□□□:	0,0072 hPa
(□ 20 °C)	
□□ (□ 20 °C):	0,95 g/cm³
□□□□□□□:	5,88
□□□□□:	□□□

□□□□□□□

□□□□□□□□□□□□□□□□□□□

□□□□□

□□□□□□□□□□□□□: □□□□□□□□□□ □□□□ □□□□□□□□□□ □□□□□ EU A.14

□□□□□

□□□□□□□□□□□□□: □□□□□

□□□□□□□□□□□

□□□□□:	□□□□□□□□□
□□□□□□:	0

10 □□□□□□□□□□

□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□

□□□□□□□□□□□□□□□

□□□□□□□□□

□□

□□□□□□

□□□□□□□□□

□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□

11 □□□□□□

□□□□□

□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

CAS□□	□□□				
	□□□□□□	□□□	□	□□□□□□	□□
706-14-9	NATURAL GAMMA DECALACTONE				
	□□□	LD50(50%□□□) >5000 mg/kg	□□□	REACH Registration	OECD 401
	□□□	LD50(50%□□□) >5000 mg/kg	□□□□□□	REACH Registration	OECD 402

□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□/□□□□/□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□□□

□□□□□□□□□

□□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□No. 1272/2008 [CLP] □□□□□□□□□□□□□□□□□□□□□□□□□□□□

12 □□□□□□□

□□

□□□□□□□□□□□□□: □□□□□

CAS□□	□□□					
	□□□□	□□□	[h] | [d]	□	□□□□□	□□
706-14-9	NATURAL GAMMA DECALACTONE					
	□□□□□	LC50(50%□□□□) 21,5 mg/l	96 h	Leuciscus idus (□□ □□□□)	REACH Registration	DIN 38412
	□□□□	ErC50 37,2 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration	OECD 201
	□□□□□□	EC50 52 mg/l	48 h	□□□□□	REACH Registration	EU Method C.2
	□□□□□□□□□	EC50 800 mg/l ( )	0,5 h	Pseudomonas putida	REACH Registration	DIN 38412

□□□□□□□□

□□□□□□□□□□□□□□□□□

CAS□□	□□□			
	□□	□□	d	□□□□□
	□□			
706-14-9	NATURAL GAMMA DECALACTONE			
	OECD 301F	82%	28	REACH Registration
	□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
	OECD 301F	80%	11	REACH Registration
	□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
	OECD 301F	16%	1	REACH Registration
	□□□□□□□□□□□□□□□□□□□□□□□□□□□□			

□□□□□

□□□□□□□□□□□□□□□□□

n-□□□□□□□□□□□□

CAS□□	□□□	Log Pow
706-14-9	NATURAL GAMMA DECALACTONE	2,72

□□□□□□□

□□□□□□□□□□□□□□□□

□□□□□□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□

□□□□□□□□□

□□□□□□□□

□□□□□

□□□□□□□□□□□□□□

13 □□□□□□□

□□□□□□□

□□□□□

□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□

□□□□□□

□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

14 □□□□□□□

□□□□ **(IMDG)**

UN□□□□□□ID□□:	No dangerous good in sense of this transport regulation.
□□□□□□□□□:	No dangerous good in sense of this transport regulation.
□□□□□□□□□□□□□□□:	No dangerous good in sense of this transport regulation.
□□□□□□□□□:	No dangerous good in sense of this transport regulation.

□□ **(ICAO-TI/IATA-DGR)**

UN□□□□□□ID□□:	No dangerous good in sense of this transport regulation.
□□□□□□□□□:	No dangerous good in sense of this transport regulation.
□□□□□□□□□□□□□□□:	No dangerous good in sense of this transport regulation.
□□□□□□□□□:	No dangerous good in sense of this transport regulation.

□□□□□□□

□□□□□□□□□: □□□

□□□□□□□□□□□□□□□

□□□□□□□□

MARPOL 73/78 □□□□□ II □□□ IBC Code □□□□□□□□□□

□□□

15 □□□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□/□□

□□□□□□

□□□□□□□□□□□□□□□□: 1 - □□□□□□□□

16 □□□□□□□

□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ 1,2,3,4,6,7,8,9,11,12,14,15,16.

□□□□□□□□□□

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
□□□□□□□□□□□□□□□http://abbrev.esdscom.eu □□□□□
□□□□□□□□□□□□□ECHA□□□□□□□□□□□□□□□□□□□□□□□□□□20□(□□□□□□□□)□□□□□□□□□