

Erratum for: Solvent solutions: comparing extraction methods for edible oils and proteins in a changing regulatory landscape. Part 2: Hazards control[☆]

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Regarding the article Carré P, Dev Borah C, Piofczyk T, Gärtner M, Bothe S, Hadjiali S. 2024. Solvent solutions: comparing extraction methods for edible oils and proteins in a changing regulatory landscape. Part 2: Hazards control, unfortunately, some corrections were missed in [Table 1](#) during the production process. [Table 1](#) has been corrected hereafter:

[☆] Contribution to the Topical Issue: “Extraction solvents / Solvants d’extraction”.

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Table 1. Classification and labelling of the solvent according to ECHA/REACH documentation.

Solvent	Hexane	Iso-Hx	Cycl Hex	MeOH	EtOH	IPA	Acetone	MEK	EA	DCM	2-MeOx
CAS RN	110-54-3	107-83-5	110-82-74	67-56-1	64-17-5	67-63-0	67-64-1	78-93-3	141-78-6	75-09-2	96-47-9
Occupational Exposure Limit (ppm)	20			200	-	-	500	200	200	100	
France VLE /8h (ppm, molar)	20	500	200	200	1000	(400 CT)	500	200	200	50	
Germany (MAK)	50	500		200	200	200	500				
Flammable 											
Acute toxicity 											
Health hazard 											
Nocive or irrit. 											
Environ. hazard 											
Corrosive 											
Properties of concern	Repro-toxic *				Cancer **					Cancer + endoc***	
LD 50 oral (g/kg)	0.024-0.049	0.0158	5	1.19-2.77	1.18-15.0	5.84	5.8	2-6	10.19	2	0.3
Flam. Liq. 2	H225	✓	✓	✓		✓	✓	✓	✓		R
Acute Tox. 3	H301				✓						
Acute Tox. 4	H302					R				n	R
Asp. Tox. 1	H304	✓	✓	✓							
Acute Tox. 3	H311				✓						
Skin Irritant 2	H315	✓	✓	✓		n				R	R
Eye dam. 1	H318										R
Eye Irritant 2	H319	R	n			R	✓	✓	✓	✓	R
Acute Tox. 3	H331				✓						
STOT SE 3	H335		n				n	n		n	n
STOT SE 3	H336	✓	✓	✓			✓	✓	✓	R	n
Mutagen 2	H341									n	
Carcinog B1en.	H350					R					
Carcinogen. 2	H351				n					✓	
Reprotoxic 2	H361f	✓									
STOT SE 1	H370				✓	R					
STOT SE 2	H371					R		n			
STOT RE 1	H372	n									
STOT RE 2	H373	✓								n	
Aquatic Ac. 1	H400		n	✓							
Aquatic Chr 1	H410		n	✓							
Aquatic Ch 2	H411	✓	✓								

(*) suspected to be toxic to reproduction; (**) Some submitters consider as carcinogenic; (***) Suspected carcinogenic & under assessment for endocrine disruption.

The symbol "✓" is present when the danger is recognized in the "harmonised classification and labelling" approved by the EU; R when the danger is identified by a large number of companies filling a reach registration; "n" is for dangers notified by a few suppliers to ECHA.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.

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