

SKIN AND EYE IRRITATION: COMPARISON OF TEST RESULTS AND PREDICTIONS

Chem. No.	Skin SAR			Eye SAR		
	MPD (label) ²	MPD (label) ²	Result	MPD (label) ²	MPD (label) ²	Result
4	(corr.) ¹ (R35)	effects predicted	agree	(corr.) ¹ (R35)	effects predicted	agree
6	not irritant	no comment	agree	(irritant) ²	not irritant	SAR low
16	not irritant	no comment	agree	not irritant	no comment	agree
17	not irritant	not irritant	agree	not irritant	not irritant	agree
21	not irritant	no comment	agree	not irritant	no comment	agree
23	slight	slight	agree	slight	slight	agree
24	not irritant	no comment	agree	not irritant	no comment	agree
26	not irritant	no comment	agree	not irritant	no comment	agree
37	not irritant	slight	agree	slight	slight	agree
44	not irritant	not irritant	agree	not irritant	?	agree?
47	not irritant	?	agree?	irritant (R41)	?	SAR low
49	corrosive (R34)	irritant	agree	corrosive (R34)	irritant	agree
50	not irritant	irritant	SAR high	not irritant	irritant	SAR high

Chem. No.	Skin			Eye		
	MPD (label) ³	SAR	Result	MPD (label) ³	SAR	Result
53	irritant (R38)	irritant	agree	(irritant) ²	irritant	agree
54	not irritant	no comment	agree	not irritant	no comment	agree
61	not irritant	no comment	agree	not irritant	no comment	agree
68	not irritant	no comment	agree	not irritant	no comment	agree
69	not irritant	not irritant	agree	not irritant	not irritant	agree
70	not irritant	not irritant	agree	not irritant	not irritant	agree
76	not irritant	no comment	agree	not irritant	no comment	agree
78	not irritant	not irritant	agree	not irritant	not irritant	agree
79	not irritant	no comment	agree	not irritant	no comment	agree
87	not irritant	no comment	agree	irritant (R41)	no comment	SAR low
96	not irritant	irritant	SAR high	not irritant	irritant	SAR high
99	not irritant	irritant	SAR high	not irritant	irritant	SAR high
101	not irritant	not irritant	agree	not irritant	irritant	SAR high

Chem. No.	MPD (label) ³	Skin SAR	Result	MPD (label) ³	Eye SAR	Result
102	not irritant	no comment	agree	not irritant	no comment	agree
106	not irritant	no comment	agree	not irritant	no comment	agree
107	(corr.) ¹ (R35)	effects predicted	agree	(corr.) ¹ (R35)	effects predicted	agree
108	not irritant	no comment	agree	not irritant	no comment	agree
110	not irritant	no comment	agree	not irritant	no comment	agree
113	not irritant	no comment	agree	not irritant	no comment	agree
118	corrosive (R34)	no comment	SAR low	(corr.) ¹ (R34)	no comment	SAR low
124	not irritant	irritant	SAR high	irritant (R36)	irritant	agree
128	not irritant	not irritant	agree	not irritant	irritant	SAR high
133	not irritant	no comment	agree	not irritant	no comment	agree
144	not irritant	not irritant	agree	not irritant	not irritant	agree
148	not irritant	no comment	agree	not irritant	no comment	agree
151	not irritant	not irritant	agree	irritant (R36)	irritant	agree

Chem. No.	MPD (label) ³	Skin SAR	Result	MPD (label) ³	Eye SAR	Result
155	not irritant	no comment	agree	not irritant	no comment	agree
156	not irritant	?	agree?	not irritant	?	agree?
164	not irritant	irritant	SAR high	not irritant	irritant	SAR high
170	not irritant	irritant	SAR high	irritant (R41)	irritant	agree
173	(irritant) ²	irritant	agree	(irritant) ²	irritant	agree
176	not irritant	irritant	SAR high	not irritant	irritant	SAR high
182	corrosive (R34)	not irritant	SAR low	corrosive (R34)	irritant	agree
186	not irritant	no comment	agree	not irritant	no comment	agree
192	corrosive (R34)	no comment	SAR low	corrosive (R34)	no comment	SAR low
194	corrosive (R34)	no comment	SAR low	(corr.) ¹ (R34)	no comment	SAR low
196	not irritant	irritant	SAR high	not irritant	irritant	SAR high
197	not irritant	no comment	agree	irritant (R41)	no comment	SAR low
200	not irritant	no comment	agree	not irritant	no comment	agree

Chem. No.	MPD (label) ³	Skin SAR	Result	MPD (label) ³	Eye SAR	Result
204	not irritant	no comment	agree	not irritant	no comment	agree
214	not irritant	no comment	agree	not irritant	no comment	agree
216	not irritant	not irritant	agree	not irritant	irritant	SAR high
217	not irritant	no comment	agree	not irritant	no comment	agree
218	not irritant	no comment	agree	not irritant	no comment	agree
219	not irritant	no comment	agree	not irritant	no comment	agree
222	irritant (R38)	irritant	agree	irritant (R36)	irritant	agree
224	slight	slight	agree	slight	slight	agree
235	corrosive (R34)	no comment	SAR low	(corr.) ¹ (R34)	no comment	SAR low
237	irritant (R38)	irritant	agree	irritant (R36)	irritant	agree
239	not irritant	no comment	agree	not irritant	no comment	agree
240	(irritant) ²	irritant	agree	not irritant	irritant	SAR high
241	not irritant	no comment	agree	not irritant	no comment	agree

Chem. No.	Skin			Eye		
	MPD (label) ³	SAR	Result	MPD (label) ³	SAR	Result
242	not irritant	no comment	agree	not irritant	no comment	agree
253	not irritant	no comment	agree	not irritant	no comment	agree
256	not irritant	irritant	SAR high	irritant (R36)	irritant	agree
263	not irritant	not irritant	agree	irritant (R36)	irritant	Agree
265	not irritant	no comment	agree	not irritant	no comment	agree
267	ND	no comment	agree	ND	no comment	agree
268	not irritant	not irritant	agree	not irritant	irritant	SAR high
269	not irritant	irritant	SAR high	not irritant	irritant	SAR high
270	not irritant	no comment	agree	irritant (R36)	no comment	SAR low
271	not irritant	irritant	SAR high	not irritant	irritant	SAR high
275	not irritant	no comment	agree	not irritant	no comment	agree
278	irritant (R38)	irritant	agree	(irritant) ²	irritant	agree
281	not irritant	not irritant	agree	irritant (R36)	irritant	agree

Chem. No.	MPD (label) ³	Skin SAR	Result	MPD (label) ³	Eye SAR	Result
283/429	not irritant	no comment	agree	not irritant	no comment	agree
286	not irritant	not irritant	agree	not irritant	irritant	SAR high
287	not irritant	no comment	agree	not irritant	no comment	agree
289	not irritant	no comment	agree	not irritant	no comment	agree
291	not irritant	no comment	agree	not irritant	no comment	agree
292	not irritant	mild	agree	not irritant	mild	agree
300	not irritant	no comment	agree	not irritant	no comment	agree
307	not irritant	no comment	agree	not irritant	no comment	agree
309	not irritant	no comment	agree	not irritant	no comment	agree
312	not irritant	no comment	agree	not irritant	no comment	agree
318	not irritant	no comment	agree	not irritant	no comment	agree
320	not irritant	no comment	agree	not irritant	no comment	agree
321	not irritant	no comment	agree	not irritant	no comment	agree

Chem. No.	MPD (label) ³	Skin SAR	Result	MPD (label) ³	Eye SAR	Result
330	not irritant	not irritant	agree	(irritant) ²	irritant	agree
335	not irritant	no comment	agree	not irritant	no comment	agree
336	not irritant	no comment	agree	not irritant	no comment	agree
337	not irritant	no comment	agree	not irritant	no comment	agree
340	not irritant	no comment	agree	(irritant) ²	no comment	SAR low
341	not irritant	irritant	SAR high	not irritant	irritant	SAR high
342	not irritant	no comment	agree	not irritant	no comment	agree
344	not irritant	no comment	agree	not irritant	no comment	agree
348	not irritant	no comment	agree	not irritant	no comment	agree
349	not irritant	no comment	agree	not irritant	no comment	agree
354	not irritant	no comment	agree	not irritant	no comment	agree
355	not irritant	no comment	agree	not irritant	no comment	agree
360	not irritant	irritant	SAR high	(irritant) ²	irritant	agree

Chem. No.	MPD (label) ²	Skin SAR	Result	MPD (label) ²	Eye SAR	Result
361	not irritant	no comment	agree	not irritant	no comment	agree
362	not irritant	no comment	agree	not irritant	no comment	agree
364	not irritant	no comment	agree	not irritant	no comment	agree
366	not irritant	no comment	agree	not irritant	no comment	agree
368	not irritant	irritant	SAR high	not irritant	irritant	SAR high
369	not irritant	no comment	agree	not irritant	no comment	agree
370	corrosive (R34)	irritant	agree	(corr.) ¹ (R34)	irritant	agree
373	irritant (R38)	no comment	SAR low	not irritant	no comment	agree
376	not irritant	irritant	SAR high	not irritant	not irritant	agree
379	not irritant	no comment	agree	not irritant	no comment	agree
381	not irritant	no comment	agree	not irritant	no comment	agree
383	not irritant	no comment	agree	not irritant	no comment	agree
386	not irritant	irritant	SAR high	not irritant	irritant	SAR high

Chem. No.	Skin			Eye		
	MPD (label) ³	SAR	Result	MPD (label) ³	SAR	Result
393	not irritant	no comment	agree	(irritant) ²	no comment	SAR low
394	not irritant	no comment	agree	not irritant	no comment	agree
396	not irritant	no comment	agree	not irritant	no comment	agree
398	slight	irritant	agree	slight	irritant	agree
401	not irritant	irritant	SAR high	not irritant	irritant	SAR high
406	not irritant	no comment	agree	not irritant	no comment	agree
411	not irritant	no comment	agree	not irritant	no comment	agree
413	not irritant	no comment	agree	not irritant	no comment	agree
414	not irritant	no comment	agree	not irritant	no comment	agree
415	not irritant	no comment	agree	not irritant	no comment	agree
416	not irritant	no comment	agree	not irritant	no comment	agree
417	not irritant	no comment	agree	not irritant	no comment	agree
420	not irritant	no comment	agree	not irritant	no comment	agree
421	not irritant	no comment	agree	not irritant	no comment	agree

Chem. No.	Skin			Eye		
	MPD (label) ³	SAR	Result	MPD (label) ³	SAR	Result
425	corrosive (R34)	irritant	agree	(corr.) ¹ (R34)	irritant	agree
431	not irritant	no comment	agree	not irritant	no comment	agree
436	corrosive (R34)	no comment	SAR low	(corr.) ¹ (R34)	no comment	SAR low
437	irritant (R38)	irritant	agree	(irritant) ²	irritant	agree
439	not irritant	no comment	agree	not irritant	no comment	agree
441	not irritant	not irritant	agree	irritant (R41)	irritant	agree
442	not irritant	irritant	SAR high	irritant (R41)	irritant	agree
443	corrosive (R34)	no comment	SAR low	(corr.) ¹ (R34)	no comment	SAR low
444	not irritant	no comment	agree	not irritant	no comment	agree
445	not irritant	no comment	agree	not irritant	no comment	agree
446	not irritant	no comment	agree	not irritant	no comment	agree
451	not irritant	no comment	agree	not irritant	no comment	agree
472	not irritant	no comment	agree	not irritant	no comment	agree

¹ substance not tested because assumed corrosive

² irritant, below classification level

³ see Appendix 3 for list of EC labels (R numbers and phrases)

nd: test not done