Name of the substance (IUPAC)	EINECS	CAS	Legal classification (C&L) according to 67/548/EWG **or self-classification**	Legal classification (GHS) according to Tab 3.1 of (EG) 1272/2008	Legal Hazard Statements according to Tab 3.1 of (EG) 1272/2008	Self-classification (GHS) according to (EG) 1272/2008, based on available reliable information (incl. new study results, re-evaluation of data)	Proposed Hazard Statements from Self-classification according to (EG) 1272/2008 based on available reliable information (incl. new study results, re-evaluation of data)	PBT / vPvB-Assessment	Remarks
Phenol	203-632-7	108-95-2	Muta. Cat. 3; R68 T; R23/24/25 Xn; R48/20/21/22 C; R34	Muta. 2 Acute Tox. 3 * Acute Tox. 3 * Acute Tox. 3 * STOT RE 2 * Skin Corr. 1B	H341 H331 H311 H301 H373** H314	Legal classification (+ Eye Irrit. 1)	Hazard statements according to legal classification (+H318 Causes serious eye damage)	based on available information not to be classified according to PBT / vPvB criteria	Reason for additional classification: as phenol is classified as corrosive to skin in accordance with CLP regulation section 3.2.3.3. phenol should automatically be assigned as "serious eye damage/eye irritation Category 1"
Acetone	200-662-2	67-64-1	F; R11 Xi; R36 R66 R67	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	Legal classification	Hazard statements according to legal classification	based on available information not to be classified according to PBT / vPvB criteria	
Acetophenone	202-708-7	98-86-2	Xn; R22 Xi; R36	Acute Tox. 4 * Eye Irrit. 2	H302 H319			based on available information not to be classified according to PBT / vPvB criteria	De-classification for human health proposed after registration
α-Methylstyrene (AMS)	202-705-0	98-83-9	R10 Xi; R36/37 N; R51-53	Flam. Liq. 3 Eye Irrit. 2 STOT SE 3 Aquatic Chronic 2	H226 H319 H335 H411	Flam. Liq. 3 Eye Irrit. 2 STOT SE 3	H226 H319 H335	based on available information not to be classified according to PBT / vPvB criteria	De-classification for environment (N; R51-53; Aquatic chronic 2/H411) proposed after registration
Cumene	202-704-5	98-82-8	R10 Xn; R65 Xi; R37 N; R51-53	Flam. Liq. 3 Asp. Tox. 1 STOT SE 3 Aquatic Chronic 2	H226 H304 H335 H411	Flam. Liquid 3 Asp. Tox. 1 STOT SE 3	H226 H304 H335	based on available information not to be classified according to PBT / vPvB criteria	Based on evaluation of available data classification with N; R51-53 according to 67/548/EWG or with Aquatic Chronic 2 (H411) according to Tab 3.1 of (EG) 1272/2008 is not justified; reason: all acute ecotox values are >1mg/l; cumene is readily biodegradable and non-bioaccumulative (BCF <100)
Transported Isolated Intermediates									
Cumene hydroperoxide (CHP)	201-254-7	80-15-9	O; R7 T; R23 Xn; R21/22-48/20/22 C; R34 N; R51-53	Org. Perox. E Acute Tox. 3 * Acute Tox. 4 * Acute Tox. 4 * STOT RE 2 * Skin Corr. 1B Aquatic Chronic 2	H242 H331 H312 H302 H373** H314 H411	Legal classification	Hazard statements according to legal classification		
Diisopropylbenzene (DIPB)	246-835-6	25321-09-9	No legal classification Xi; R36/37/38 (**self-classification**)	No legal classification		Aquatic Chronic 4	H413		based on the currently available data a classification is necessary
High Boiler / Z-Oil	269-798-8	68333-89-1	No legal classification C; R34 Xn; R20/21/22; R68 (**self-classification**)	No legal classification		Acute Tox. 4 Acute Tox. 4 Acute Tox. 4 Skin Corr. 1B Muta 2 Aquatic Chronic 3	H302 H312 H314 H332 H341 H412		based on the currently available data a classification is necessary
Cumene bottoms	273-050-6	68936-98-1	No legal classification	No legal classification		to be checked after finalizing pending studies			