

U.S. Regulatory Information on Eastman™ solvents



Compounds	VOC CAAA, Title I	VOC g/L @ 20°C	HAP list CAAA, Title III	HAP content, wt %	Ozone depleting compound CAAA, Title VI	Vapor pressure @ 20°C, mmHg	Photochemically reactive		SARA Title III Sec. 313 ^b	MIR value ^c
							Solvent ^a	Solvent content, ^a vol %		
Ketones										
MPK ^d	Yes	807	No	≤ 10.0	No	27.80	No	≤ 10.0	No	2.81
MIBK	Yes	802	Yes	100	No	15.00	Yes	100	Yes	3.88
MIAC	Yes	813	No	<1.0	No	4.50	Yes	100	No	2.41
MAK	Yes	818	No	<1.0	No	2.10	No	0	No	2.36
DIBK	Yes	811	No	<1.0	No	1.40	Yes	100	No	2.68
C-11 ketone	Yes	840	No	<1.0	No	—	—	—	No	—
Esters										
Methyl acetate	Exempt	Exempt ^e	No	≤ 2.5	No	171.30	No	0	No	—
Methyl acetate-HP	Exempt	Exempt	No	<1.0	No	171.30	No	0	No	0.072
Ethyl acetate, urethane grade	Yes	901	No	<1.0	No	75.00	No	0	No	0.63
Isopropyl acetate	Yes	873	No	<1.0	No	47.50	No	0	No	1.07
<i>n</i> -Propyl acetate	Yes	889	No	<1.0	No	23.00	No	0	No	0.78
Isobutyl acetate	Yes	870	No	<1.0	No	12.50	No	0	No	0.62
<i>n</i> -Propyl propionate	Yes	878	No	<1.0	No	10.70	No	0	No	0.84
<i>n</i> -Butyl acetate	Yes	883	No	<1.0	No	10.00	No	0	No	0.83
IBIB	Yes	855	No	<1.0	No	3.20	No	0	No	0.60
<i>n</i> -Butyl propionate	Yes	870	No	<1.0	No	3.00	No	0	No	0.84
EEP	Yes	951	No	<1.0	No	1.10	No	0	No	3.58
2-EH acetate	Yes	873	No	<1.0	No	0.40	No	0	No	0.66
EG diacetate	Yes	1107	No	<1.0	No	0.20	No	0	No	0.66
GE esters										
PM acetate	Yes	970	No	<1.0	No	3.70	No	0	No	1.70
EB acetate	Yes	941	Yes	100	No	0.29	No	0	Yes	1.62
DE acetate	Yes	1012	Yes	100	No	0.05	No	0	Yes	1.48
DB acetate	Yes	980	Yes	100	No	0.04	No	0	Yes	1.38
Glycol ethers										
PM	Yes	923	No	<1.0	No	8.00	No	0	No	2.44
EP	Yes	913	Yes	100	No	1.30	No	0	Yes	3.30
EB	Yes	902	No	<1.0	No	0.60	No	0	Yes	2.90
DM	Yes	1023	Yes	100	No	0.20	No	0	Yes	2.66
DE	Yes	990	Yes	100	No	0.12	No	0	Yes	3.26
DP	Yes	963	Yes	100	No	0.05	No	0	Yes	2.85
DB	Yes	955	Yes	100	No	0.02	No	0	Yes	2.39
EEH	Yes	892	No	<1.0	No	0.08	No	0	No	~1.55
Alcohols										
Isopropyl alcohol	Yes	786	No	<1.0	No	32.80	No	0	No	0.61
<i>n</i> -Propyl alcohol	Yes	804	No	<1.0	No	14.50	No	0	No	2.50
Isobutyl alcohol	Yes	803	No	<1.0	No	9.00	No	0	No	2.51
<i>n</i> -Butyl alcohol	Yes	811	No	<1.0	No	5.50	No	0	Yes	2.88
2-EH alcohol	Yes	833	No	<1.0	No	0.05	No	0	No	2.00
Eastman Texanol™ ester-alcohol	Yes	950	No	<1.0	No	0.01	No	0	No	0.81

^aPhotochemically reactive solvent as defined by the South Coast Air Quality District in California in Rule 102.

^bSuperfund Amendments and Reauthorization Act, Title III, Section 313. Also known as Emergency Planning and Community Right-to-Know Act (EPCRA).

^cSAPRC-07, William P. L. Carter, Center for Environmental Research and Technology, College of Engineering, University of California – Riverside.

^dMPK (Methyl *n*-propyl ketone) is not on EPA's HAP or SARA list, but it does contain ≤10 wt % MIBK, which is on both lists.

^eThis product contains ≤2.5 wt % methanol, which is a VOC and a HAP.

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