

Eastman solvents: U.S. regulatory information

EASTMAN
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Compound	VOC CAAA, Title I	LVP-VOC ^a	HAP list CAAA, Title III	HAP content, wt%	SARA Title III Sec. 313 ^b	Prop 65	Ozone depleting substance CAAA, Title VI	Vapor pressure @ 20°C, mmHg	MIR value ^c gm O ₃ /gm VOC	FIFRA inert ingredient status ^d
Ketones										
Eastman MIPK (methyl isopropyl ketone)	Yes	No	No	< 1.0	No	No	No	42.00	1.65	—
Eastman MPK ^e (methyl <i>n</i> -propyl ketone)	Yes	No	No	≤ 10.0	No	No	No	27.80	2.81	Nonfood
Eastman MIBK (methyl isobutyl ketone)	Yes	No	Yes	100	Yes	Yes	No	15.00	3.88	Food (limitations)
Eastman MIAK (methyl isoamyl ketone)	Yes	No	No	< 1.0	No	No	No	4.50	2.41	Nonfood
Eastman MAK (methyl <i>n</i> -amyl ketone)	Yes	No	No	< 1.0	No	No	No	2.10	2.36	Food (limitations)
Eastman DIBK (diisobutyl ketone)	Yes	No	No	< 1.0	No	No	No	1.40	2.41	Nonfood
Eastman C-11 ketone	Yes	No	No	< 1.0	No	No	No	—	—	—
Esters										
Methyl acetate	Exempt	No	No	≤ 2.5	No	No ^f	No	171.30	—	—
Methyl acetate, high purity	Exempt	No	No	< 1.0	No	No	No	171.30	0.07	—
Ethyl acetate, urethane grade	Yes	No	No	< 1.0	No	No	No	86.00	0.63	Food (limitations)
Isopropyl acetate	Yes	No	No	< 1.0	No	No	No	47.50	1.07	Nonfood
<i>n</i> -Propyl acetate	Yes	No	No	< 1.0	No	No	No	23.00	0.78	Nonfood
Isobutyl acetate	Yes	No	No	< 1.0	No	No	No	12.50	0.62	Nonfood
<i>n</i> -Propyl propionate	Yes	No	No	< 1.0	No	No	No	10.70	0.84	—
<i>n</i> -Butyl acetate	Yes	No	No	< 1.0	No	No	No	10.00	0.83	Nonfood
IBIB	Yes	No	No	< 1.0	No	No	No	3.20	0.60	Nonfood
<i>n</i> -Butyl propionate	Yes	No	No	< 1.0	No	No	No	3.00	0.84	—
EEP ether-ester	Yes	No	No	< 1.0	No	No	No	1.10	3.58	Nonfood
2-EH acetate	Yes	No	No	< 1.0	No	No	No	0.40	0.66	Nonfood
EG diacetate	Yes	No	No	< 1.0	No	No	No	0.20	0.66	—
Eastman Omnia™ high-performance solvent	Yes	Yes	No	< 1.0	No	No	No	0.004	—	—
GE esters										
PM acetate	Yes	No	No	< 1.0	No	No	No	3.70	1.70	—
EB acetate	Yes	No	Yes	100	Yes	No	No	0.29	1.62	Nonfood
DE acetate	Yes	Yes	Yes	100	Yes	No	No	0.05	1.48	—
DB acetate	Yes	Yes	Yes	100	Yes	No	No	0.04	1.38	—
Glycol ethers										
Eastman PM	Yes	No	No	< 1.0	No	No	No	8.00	2.44	Food (limitations)
Eastman EP	Yes	No	Yes	100	Yes	No	No	1.30	3.30	Nonfood
Eastman EB	Yes	No	No	< 1.0	Yes	No	No	0.60	2.90	Food (limitations)
Eastman DE	Yes	Yes	Yes	100	Yes	No	No	0.095	3.26	Food (limitations)
Eastman DP	Yes	Yes	Yes	100	Yes	No	No	0.05	2.85	—
Eastman DB	Yes	Yes	Yes	100	Yes	No	No	0.02	2.39	Food (limitations)
Eastman EEH	Yes	Yes	No	< 1.0	No	No	No	0.08	~1.55 ^g	—
Alcohols										
<i>n</i> -Propyl alcohol	Yes	No	No	< 1.0	No	No	No	14.5	2.50	Food (limitations)
Isobutyl alcohol	Yes	No	No	< 1.0	No	No	No	9	2.51	—
<i>n</i> -Butyl alcohol	Yes	No	No	< 1.0	Yes	No	No	5.5	2.88	Food (limitations)
2-EH alcohol	Yes	Yes	No	< 1.0	No	No	No	0.05	2.00	Food (limitations)
Amides										
Dimethylformamide	Yes	No	No	< 1.0	Yes	Yes	No	3.7	—	—
Pyrrolidones										
Eastman TamiSolve™ NxG	Yes	No	No	< 1.0	No	No	No	0.26	—	—
<i>N</i> -methyl-2-pyrrolidone	Yes	No	No	< 1.0	Yes	No	No	0.29	—	Food (limitations)

^aTitle 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94507-94517 ^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 ^dBased on EPA InertFinder, June 2015. For details on status and specific permissions for food use, visit <http://iaspub.epa.gov/apex/pesticides/f?p=101:1>. ^eMPK (methyl *n*-propyl ketone) is not on EPA's HAP or SARA lists or California's Prop 65 list. However, it does contain ≤ 10 wt% MIBK, which is on all three lists. ^fThis product contains ≤ 2.5 wt% methanol, which is a HAP, VOC, and Prop 65 chemical. ^gReported MIR value for EG mono-2-ethylhexyl ether is 1.55. Eastman EEH glycol ether is an 85/15 mixture of EG mono-2-ethylhexyl ether and DEG mono-2-ethylhexyl ether. Thus the MIR value is shown as ~ 1.55 for the commercial product.

Users should consider this regulatory information provided only as a supplement to other information, such as safety data sheets. It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. Because of possible changes in the laws and regulations, as well as possible changes in our products, we cannot guarantee that the status of these products will remain unchanged. Therefore, we recommend that customers continuing to use these products verify their status periodically.