

**EASTMAN**

**Eastman™ products**  
for the fragrance industry

Eastman Chemical Company produces a variety of raw materials that may be used as fixatives, antioxidants, solvents, or chemical intermediates in the fragrance industry.

## Fixatives

*The products below may be used to lower the vapor pressure of the formulation, thereby prolonging the odor.*

### Typical properties<sup>a</sup>

Product	INCI <sup>b</sup> name	Color Pt-Co max.	Specific gravity @ 20/20°C	Vapor pressure @ 20°C, mm Hg	Boiling point °C	Flash point COC, °C	Assay min. wt %
Eastman Sustane™ SAIB <sup>c</sup> (Food Grade, Kosher)	Sucrose Acetate Isobutyrate	150	1.15 <sup>d</sup>	<0.00001	288 <sup>e</sup>	260	99.9
Eastman™ Triacetin (Kosher)	Triacetin	10	1.16	0.0014	258	153	98.5

<sup>a</sup>Properties shown may be considered as typical. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

<sup>b</sup>International Nomenclature of Cosmetic Ingredients

<sup>c</sup>Also available in low-viscosity blends: Eastman Sustane™ SAIB ET-10 Food Grade, Kosher, containing approximately 10% ethyl alcohol; Eastman Sustane™ SAIB MCT Food Grade, Kosher, containing approximately 20% Caprylic/Capric Triglyceride.

<sup>d</sup>At 25/25°C

<sup>e</sup>Boils with decomposition

## Fragrance ingredients

Eastman™ product <sup>a</sup>	Common name
<b>Alcohols</b>	
n-Butanol	n-Butyl alcohol
Isobutanol	2-Methyl-1-propanol
<b>Esters</b>	
n-Butyl acetate	Butyl acetate
n-Butyl propionate	Butyl propionate
Ethyl acetate	Ethyl acetate
2-Ethylhexyl acetate	2-Ethylhexyl acetate
Isobutyl acetate	Isobutyl acetate
Eastman™ IBIB	Isobutyl isobutyrate
Methyl acetate	Methyl acetate
n-Propyl acetate	Propyl acetate
<b>Glycol ethers</b>	
Eastman™ DB solvent	Butoxydiglycol
Eastman™ DE solvent	Ethoxydiglycol
Eastman™ DM solvent	Methoxydiglycol
Eastman™ PM solvent	Methoxyisopropanol
<b>Ketones</b>	
Eastman™ MAK	Methyl n-Amyl ketone
Eastman™ MIPK	Methyl isopropyl ketone
Eastman™ MPK	Methyl propyl ketone
Eastman™ MIBK	Methyl isobutyl ketone

<sup>a</sup>Fragrance ingredients. Reference: *Inventory of Ingredients Employed in Cosmetic Products; Section II: Perfume and Aromatic Raw Materials, "The Scientific Committee on Cosmetic Products and Non-Food Products," SCCNFP/0389/00* <http://europa.eu.int>

## Antioxidants<sup>b</sup>

Product	INCI name
Eastman Tenox™ BHA	BHA
Eastman Tenox™ BHT	BHT
Eastman Tenox™ TBHQ	TBHQ

## Chemical intermediates

Eastman™ acetaldehyde	Eastman™ 2-ethylhexanoic acid
Eastman™ acetic acid	Eastman™ isobutyraldehyde
Eastman™ acetic anhydride	Eastman™ isobutyric acid
Eastman™ butyraldehyde	Eastman™ isobutyric anhydride
Eastman™ n-butyric acid	Eastman™ propionaldehyde
Eastman™ n-butyric anhydride	Eastman™ propionic acid
Eastman™ 1,4-cyclohexanedicarboxylic acid (CHDA)	Eastman™ propionic anhydride

<sup>b</sup>For additional information on antioxidants, request Eastman Publication CB-9.

# EASTMAN

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*It is the responsibility of the cosmetic formulator or manufacturer to determine the suitability of all raw materials, including any Eastman product used in its final product in order to ensure safety and compliance with requirements of all appropriate U.S. and international regulatory agencies.*

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