



ELAROMA - IAAC™ (Iso Amyl Acetate)

Technical Datasheet

1. Technical Datasheet

Property	Specification
Physical Properties	
Appearance	Clear, colorless liquid
Physical Form	Liquid
Odor	Pear-like odor
Molecular Weight (g/mol)	130.18
Density or Specific Gravity	0.876 at 59 °F
Viscosity	1.030 cP at 8.97 °C; 0.872 cP at 19.91 °C
Density	0.876 at 59 °F
Chemical Properties	
Water Solubility	2000 mg/L at 25 °C
Thermal Properties	
Melting Point	-109.3 °F
Boiling Point	288 °F at 760 mmHg
Flash Point	77 °F
Autoignition Temperature	680 °F

2. Processing Methods



Perfume

Acts as a top note, so blend with citrus, fruity esters or green notes to enhance freshness and diffusion. Add during the initial oil blending phase, before dilution with alcohol, to ensure uniform distribution. Use antioxidants or proper storage, as it is volatile and can degrade with light and heat over time.

Key Ingredients	Indicative Dosage (% w/w)
Isoamyl Acetate	0.5%
Linalool	15%
Benzyl Acetate	10%
Phenylethyl Alcohol	10%
Hedione	10%
Iso E Super	15%
Galaxolide	10%
Musk Ketone	5%
Dipropylene Glycol (DPG)	24.5%

Detergents

Add during the final blending stage, after cooling, to preserve its volatile nature and ensure maximum fragrance impact. Pre-mix with the fragrance oil to improve solubility and ensure even dispersion in the detergent base.

Key Ingredients	Indicative Dosage (% w/w)
Linear Alkylbenzene Sulfonate (LAS)	18 %
Alcohol Ethoxylate	8 %
Sodium Carbonate	5 %
Zeolite/Citrate Builder	5 %
Enzyme Blend (protease/amylase)	0.5 %
Polycarboxylate Polymer	1 %
Optical Brightener	0.2 %
Preservative	0.2 %
Fragrance Blend	~1.5 %
Isoamyl Acetate	0.1%
Water	~60%



Cosmetic lotion

Add during the cool-down phase, to prevent evaporation and maintain fragrance integrity. Pre-mix with fragrance oils or a suitable carrier, such as caprylic/capric triglyceride, for even distribution in the emulsion.

Key Ingredients	Indicative Dosage (% w/w)
Water	~75%
Glycerin	5%
Cetearyl Alcohol	3%
Glyceryl Stearate	2%
Caprylic/Capric Triglyceride	5%
Dimethicone	3%
Isoamyl Acetate	0.5%
Phenoxyethanol + Ethylhexylglycerin	1%
Carbomer	0.3%
Triethanolamine	0.2%
Tocopherol	0.5%
Fragrance (other)	2.5%

Facial Cleanser

Use at low levels, as it has a strong banana-like scent, ideal for adding a fruity top note without overwhelming sensitive skin. Add during the cool-down phase, to preserve its aroma and prevent volatility loss.

Key Ingredients	Indicative Dosage (% w/w)
Water	~70%
Coco-glucoside	10%
Decyl glucoside	5%
Glycerin	5%
Propanediol	3%
Caprylic/Capric Triglyceride	2%
Isoamyl Acetate	0.5%
Fragrance blend	2%
Phenoxyethanol + Ethylhexylglycerin	1%
Xanthan gum	0.3%
Disodium EDTA	0.2%



3. Dosing by Application

Products	Authorized dosage
Perfume/Fragrance	0.1% - 2%
Detergents	0.001% - 0.1%

The information and data contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof.

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