

Allergenic Substances for Food and Fragrance

PRODUCT: ETHYL LEVULINATE, Natural
FEMA No: 2442

FOOD ALLERGENS	PRESENT/ABSENT	AMOUNT
Dairy, milk and milk products (including lactose)	Absent	
Egg and egg containing products	Absent	
Fish or fish derivatives	Absent	
Molluscs, Shellfish, Crustaceans	Absent	
Peanuts	Absent	
Soybean and soybean products	Absent	
Tree nuts and products thereof	Absent	
Wheat, Barley, Rye and Gluten containing cereals and products thereof	Absent	
FOOD SENSITIZERS		
3-MCP/ (MPC/DCP)	Absent	
Apple	Absent	
Aspartame	Absent	
Autolyzed yeast	Absent	
AZO dyes	Absent	
Barley or Barley derivatives	Absent	
Bee Pollen	Absent	
Beef	Absent	
Benzoic Acid and parabens (E210-E219)	Absent	
BHA	Absent	
BHT	Absent	
Breadcrumbs	Absent	
Buckwheat or derivatives	Absent	
Carmine/cochineal	Absent	
Carrots	Absent	
Celery and celery products	Absent	
Chicken	Absent	
Chocolate/Chocolate derivatives	Absent	
Cinnamon Oil, Cinnamon	Absent	
Cocoa or derivatives	Absent	
Coffee	Absent	
Colorings (Tartrazine) (E102, E110, E120, E122, E123, E124, E127, E128, E129, E131, E132, E151, E160)	Absent	
Coriander	Absent	

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FOOD SENSITIZERS	PRESENT/ABSENT	AMOUNT
Corn or corn derivatives, Maize	Absent	
Enzymes	Absent	
Ethanol	Absent	
Food Starch Modified	Absent	
Food Starch Unmodified	Absent	
Garlic or derivatives	Absent	
Gelatin	Absent	
Grains (Rye, millet, oats, barley, rice, sorghum, etc.)	Absent	
Honey	Absent	
Hydrolyzed Protein(vegetable)	Absent	
Kiwi	Absent	
Lecithin	Absent	
Legumes/Pulses or derivatives	Absent	
Lupin	Absent	
MSG, (monosodium glutamate), Glutamate	Absent	
Mushrooms or derivatives	Absent	
Mustard and products thereof	Absent	
Onion or derivatives	Absent	
Peach	Absent	
Pork	Absent	
Potato or potato derivatives	Absent	
Poultry	Absent	
Propolis	Absent	
Quassine	Absent	
Royal Jelly	Absent	
Salt flower products	Absent	
Seed and seed products	Absent	
Sesame Seeds or derivatives	Absent	
Sheep/Lamb	Absent	
Spelt or Spelt Derivatives	Absent	
Sulfites (E220-E227) and SO ₂ in a concentration of more than 10 mg/kg or 10 mg/l (SO ₂)	Absent	
Sunflower products	Absent	
Sweet orange	Absent	
TBHQ	Absent	
FOOD SENSITIZERS	PRESENT/ABSENT	AMOUNT
Tocopherols (Vitamin E)	Absent	

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Umbelliferae	Absent	
Vanilla, vanillin, ethyl vanillin or vanilla pods	Absent	
Yam	Absent	
Yeast or yeast extracts	Absent	
FRAGRANCE SENSITIZERS (EFFA)		
Anisyl alcohol	Absent	
Benzyl acetate	Absent	
Benzyl alcohol	Absent	
Benzyl benzoate	Absent	
Benzyl Cinnamate	Absent	
Benzyl phenyl acetate	Absent	
Benzyl Propionate	Absent	
Benzyl salicylate	Absent	
Bitter almond oil	Absent	
Cinnamic alcohol	Absent	
Cinnamic Aldehyde	Absent	
Citral (Neral+Geranial)	Absent	
Citronellol	Absent	
Coumarin	Absent	
Eugenol	Absent	
Farnesol	Absent	
Geraniol	Absent	
Isoeugenol	Absent	
Limonene	Absent	
Linalool	Absent	
Phenyl ethyl alcohol	Absent	
FRAGRANCE SENSITIZERS (OTHER)		
1,2-Benzanthracene	Absent	
2-methyl-3-(4-(1,1-dimethyl ethyl phenyl) propanal (lillilal)	Absent	
3,4-Benzopyrene	Absent	
Alpha-isomethyl ionone	Absent	
FRAGRANCE SENSITIZERS (OTHER)	PRESENT/ABSENT	AMOUNT
Amyl Cinnamic alcohol	Absent	
Amyl cinnamic aldehyde	Absent	
Beta-Asarone	Absent	

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Butyl phenyl methyl popional	Absent	
Dibutyl Phthalate	Absent	
Didecyl Phthalate	Absent	
Diethyl hexyl phthalate	Absent	
Diethyl phthalate	Absent	
Furfural	Absent	
Gamma-methylnonone;3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	Absent	
Hexylcinnamic aldehyde	Absent	
Hydrocyanic acid	Absent	
Hydroxycitronellal	Absent	
Hydroxyisohexyl-3-cyclohexen carboxaldehyde	Absent	
Hydroxymethylpentylcyclohexene carboxaldehyde	Absent	
Isosafrol	Absent	
Menthofuran	Absent	
Methyl eugenol	Absent	
Methyl Heptine carbonate	Absent	
Methyl-2-nonynoate	Absent	
Methyl-2-octyboate	Absent	
Musk Ketone	Absent	
Musk xylol	Absent	
Oakmoss	Absent	
Peru Balsam	Absent	
Phenyl Acetaldehyde	Absent	
Pulegone	Absent	
Safrol	Absent	
Thujon (alpha and beta)	Absent	
FRAGRANCE SENSITIZERS (OTHER)	PRESENT/ABSENT	AMOUNT
Treemoss	Absent	
IFRA PROHIBITED SUBSTANCES		
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one	Absent	
2-Heptilidene cyclopentane-1-one	Absent	
2,4 Hexadienal (Sorbic Aldehyde)	Absent	

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2,4 Pentadien-1-al	Absent	
2,4-Heptadienal	Absent	
2,4-Nonadienal	Absent	
2,4-Octadienal	Absent	
2,4-Undecadienae	Absent	
2-Nonyl-1-al dimethyl acetal	Absent	
3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one	Absent	
Alpha Butylcinnamaldehyde	Absent	
E,E-2,4-Decadienal	Absent	
Furfuryl Alcohol	Absent	
Musk Xylene	Absent	
Nonyl Phenol Ethoxylates	Absent	
Octyl Phenol Ethoxylates	Absent	
o-Methoxycinnamaldehyde	Absent	
Pseudo Methylionones	Absent	

Signed August 10, 2022



Deo Persaud
Vice President