



IFRA CERTIFICATE
IFRA CERTIFICATE 48TH - ALL LIMITS

PRODUCT: JUNIPER BERRY OIL

| CONSTITUENT | IFRA | CAS NUMBER | EINECS NUMBER | RANGE |
|---|-------------|-------------------|----------------------|--------------|
| alpha-iso-Methylionone | NO | 127-51-5 | ----- | NOT DETECTED |
| Amyl Cinnamal | YES | 122-40-7 | 204-541-5 | NOT DETECTED |
| Amyl Cinnamyl Alcohol | YES | 101-85-9 | 202-982-8 | NOT DETECTED |
| Anisyl Alcohol | NO | 1331-81-3 | 215-561-9 | NOT DETECTED |
| Benzyl Alcohol | NO | 100-51-6 | 202-859-9 | NOT DETECTED |
| Benzyl Benzoate | NO | 120-51-4 | 204-402-9 | NOT DETECTED |
| Benzyl Cinnamate | NO | 103-41-3 | 203-109-3 | NOT DETECTED |
| Benzyl Salicylate | NO | 118-58-1 | 204-262-9 | NOT DETECTED |
| Butylphenyl Methylpropional (Lilial) | NO | 80-54-6 | ----- | NOT DETECTED |
| Cinnamal | YES | 104-55-2 | 203-213-9 | NOT DETECTED |
| Cinnamyl Alcohol | YES | 104-54-1 | 203-212-3 | NOT DETECTED |
| Citral | YES | 5392-40-5 | 226-394-6 | NOT DETECTED |
| Citronellol | NO | 106-22-9 | 203-375-0 | NOT DETECTED |
| Coumarin | NO | 91-64-5 | NOT ALLOCATED | NOT DETECTED |
| Eugenol | YES | 97-53-0 | 202-589-1 | NOT DETECTED |
| Farnesol | YES | 4602-84-0 | 225-004-1 | NOT DETECTED |
| Evernia Furfuraceae (Tree Moss) Extract | NO | 90028-67-4 | ----- | NOT DETECTED |
| Evernia Prunastri (Oak Moss) Extract | NO | 90028-68-5 | ----- | NOT DETECTED |
| Geraniol | NO | 106-24-1 | 203-377-1 | NOT DETECTED |
| Hexyl Cinnamal | YES | 101-86-0 | 202-983-3 | NOT DETECTED |
| Citronellal Hydrate | YES | 107-75-5 | 203-518-7 | NOT DETECTED |
| Iso-Eugenol | YES | 97-54-1 | 202-590-7 | NOT DETECTED |

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| Butyl Phenyl Methyl Propinal | YES | 80-54-6 | 201-289-8 | NOT DETECTED |
| Limonene | YES | 5989-27-5 | 227-813-5 | 4.74% |
| Linalool | YES | 78-70-6 | 201-134-4 | NOT DETECTED |
| Hydroxyisohexyl-3-Cyclohexene | NO | 31906-04-4 | 250-863-4 | NOT DETECTED |
| Methyl Heptin Carbonate | YES | 111-12-6 | 203-836-6 | NOT DETECTED |
| Methyl Ionone | YES | 127-51-5 | 204-846-3 | NOT DETECTED |
| Methyl Eugenol | YES | 93-15-2 | ----- | NOT DETECTED |
| Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyrall) | NO | 31906-04-4 | ----- | NOT DETECTED |
| Methyl 2-Octynoate | NO | 111-12-6 | ----- | NOT DETECTED |

Madar Corporation Certifies that the above mentioned fragrance product is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION [IFRA 48th Amendment (June '15)], provided the fragrance is used in the following application(s) at the following maximum concentration level(s):

| APPLICATION | MAXIMUM USAGE LEVEL |
|---|----------------------------|
| 1.A - Lip Products of all Types (Solid & Liquid) lipsticks, Balms & Wax (Clear or Colored) | NOT Allowed |
| 1.A - Toys | NOT Allowed |
| 2 - Body Sprays & Mists, Men & Women (intended or labeled for use in axillae) | 2.5% |
| 2 - Deodorant and Antiperspirant Products of all types (spray, stick, roll-on, under-arm & body, etc.) | 2.5% |
| 2 - Fragranced Bracelets | 2.5% |
| 2 - Nose Pore Strips | 2.5% |
| 3.A - Hydroalcoholic Products Applied to Recently Shaved Skin (EDT) | 10.6% |
| 3.B - Hydroalcoholic Products Applied to Recently Shaved Skin (Fine Fragrance) | 10.6% |
| 3.C - Baby Creams, Lotions, Oils | 10.6% |
| 3.C - Body Paint for Children | 10.6% |
| 3.C - Eye Products of all Types (eye shadow, mascara, eyeliner, eye make-up, make-up, etc.) including eye care | 10.6% |
| 3.C - Men's Facial Creams, Balms | 10.6% |
| 3.D - Tampons | 10.6% |

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| 4.A - Hydroalcoholic Products Applied To Unshaved Skin (EDT) | 31.9% |
| 4.A - Ingredients of Perfume Kits | 31.9% |
| 4.A - Scent Pads, Foil Packs | 31.9% |
| 4.A - Scent Strips for Hydroalcoholic Products | 31.9% |
| 4.B - Hydroalcoholic Products Applied To Unshaved Skin (Fine Fragrance) | 31.9% |
| 4.C - Body Creams, Oils, Lotions of all types (except baby products) | 31.9% |
| 4.C - Body Paint for Adults (excludes Childrens Products) | 31.9% |
| 4.C - Body Sprays (Not intended for Axillae) | 31.9% |
| 4.C - Foot Care Products | 31.9% |
| 4.C - Fragrance Compounds for Cosmetic Kits | 31.9% |
| 4.C - Hair Deodorant | 31.9% |
| 4.C - Hair Styling Aids, Hair Sprays of all Types (pumps, aerosol sprays, etc.) | 31.9% |
| 4.D - Fragrancing cream & Solid Perfumes | 31.9% |
| 5 - Baby Powder and Talc | 16.6% |
| 5 - Dry or Waterless Shampoo | 16.6% |
| 5 - Facial Masks | 16.6% |
| 5 - Hair Permanent & Chemical Treatments (e.g. relaxers) but not hair dyes | 16.6% |
| 5 - Hand Cream | 16.6% |
| 5 - Hand sanitizers | 16.6% |
| 5 - Wipes or Refreshing Tissues for Face, Neck, Hands, Body | 16.6% |
| 5 - Women's Facial Creams/Facial Make-up | 16.6% |
| 6 - Mouthwash, Including Breath Sprays | NOT ALLOWED |
| 6 - Toothpaste | NOT ALLOWED |
| 7.A - Baby Wipes | 5.1% |
| 7.A - Intimate (Feminine)Wipes | 5.1% |
| 7.A - Toilet Wipes & Paper | 5.1% |
| 7.B - Insect Repellent (intended to be applied to the skin) | 5.1% |
| 8.A - Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners) | 2.3% |
| 8.A - Make-up Removers of all types (not including face cleansers) | 2.3% |
| 8.A - Nail Care | 2.3% |
| 8.A - All Powders & Talcs (Except baby Powders & Talcs) | 2.3% |
| 8.B - Hair Dyes | 2.3% |
| 9.A - Bath Gels, Foams, Mousses, Salts, Oils & other products added to bathwater | 5.9% |
| 9.A - Body Washes of all types (including baby washes) & Shower Gels of all Type | 5.9% |
| 9.A - Conditioner (Rinse-Off) | 5.9% |

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| 9.A - Depilatory | 5.9% |
| 9.A - Face Cleansers of all types (washes, gels, scrubs, etc.) | 5.9% |
| 9.A - Shampoos of all types (including baby shampoos) | 5.9% |
| 9.A - Shaving Creams of all types (stick, gels, foams, etc.) | 5.9% |
| 9.A - Soap Liquid & Bar (Toilet Soap) | 5.9% |
| 9.B - Feminine Hygiene - Pads & Liners | 5.9% |
| 9.B - Wheat Bags | 5.9% |
| 9.C - Air fresheners sprays (incl. Room Sprays, Aerosols & Pump; excl. deodorant, hair styling aids, & animal) | 5.9% |
| 9.C - Facial Tissues, Napkins, Paper Towels & Toilet Paper | 5.9% |
| 10.A - Dry Cleaning Kits | 2.9% |
| 10.A - Fabric Softeners of all types including fabric softener sheets | 2.9% |
| 10.A - Hand Dishwashing Detergent including concentrates | 2.9% |
| 10.A - Handwash Laundry Detergents of all types including concentrates | 2.9% |
| 10.A - Hard Surface Cleaners (Bathroom & Kitchen Cleansers & Furniture polish, etc.) | 2.9% |
| 10.A - Machine Wash Laundry Detergent & Bleach (liquids, powders, tablets, etc.) including laundry bleach and concentrates | 2.9% |
| 10.A - Other Household Cleaning Products (fabric, soft surface & Carpet Cleaners) | 2.9% |
| 10.A - Shampoos for pets | 2.9% |
| 10.B - Diapers | 2.9% |
| 10.B - Scented Gloves or Socks | 2.9% |
| 10.B - Toilet seat wipes | 2.9% |
| 11 - Air Delivery Systems (Automated or with Manual Activator) with no contact with dispensing port. | No Restriction |
| 11 - Air Fresheners (Solids, Liquid or Closed systems). Excluding aerosol products | No Restriction |
| 11 - All non-skin or incidental skin contact | No Restriction |
| 11 - Animal sprays & Cat Litter | No Restriction |
| 11 - Candles | No Restriction |
| 11 - Concentrated Aerosol Air Fresheners for metered systems | No Restriction |
| 11 - Deodorizers/Maskers not intended for skin contact (Fabric drying machine deodorizers, carpet powders) | No Restriction |
| 11 - Floor Wax | No Restriction |
| 11 - Fuels & Paints | No Restriction |
| 11 - Insecticides (mosquito coil, paper, electrical, for clothing) excluding aerosols | No Restriction |
| 11 - Joss Sticks, Incense, Crystals/Stones, Blotters, Sachets & Fragrance Lamp Ring | No Restriction |

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| 11 - Liquid Air Freshener Refills (Cartridge & Non-Cartridge Systems) | No Restriction |
| 11 - Machine Dishwash detergent and deodorizers | No Restriction |
| 11 - Machine only Laundry Detergent (e.g. liquitabs) | No Restriction |
| 11 - Odored Distilled Water (that can be added to steam irons) | No Restriction |
| 11 - Plastic Articles (excluding toys) | No Restriction |
| 11 - Reed Diffusers & Liquid Refills (Cartridge & Non-Cartridge Systems) | No Restriction |
| 11 - Scent delivery systems using dry air technology that releases a fragrance without sprays, aerosols or heated oils | No Restriction |
| 11 - Scent Pack | No Restriction |
| 11 - Scratch and Sniff | No Restriction |
| 11 - Shoe Polishes | No Restriction |
| 11 - Toilet Blocks | No Restriction |
| 11 - Treated Textiles (starch sprays, fabric treated with fragrance after wash, deodorizers for textiles, tights with moisturizers) | No Restriction |

The above mentioned fragrance is in compliance with the standards of the International Fragrance Association, provided the fragrance is used in the above application(s) at the noted maximum concentration level(s). This fragrance contains ingredients which are NOT considered GRAS, Generally Regarded as Safe as a Flavor Ingredient. It is the ultimate responsibility of the customer to ensure the safety of the final product containing this fragrance, by further testing, if necessary. For all other applications, or use at higher concentration levels, a new evaluation will be required.