

**PCW**

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Site : www.pcwfrance.com Mail : info@pcwfrance.com**30/10/2024****IFRA 51 CONFORMITY CERTIFICATE**Product: **PENTADECANOLIDE**Item code : **PE-1**

The IFRA Standards regarding use restriction are based on safety assessments by the panel of experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of the customer to ensure the safety of the final product (containing this fragrance) by further testing if needed.

| Name | C . A . S | % |
|---|-----------|-------------|
| Cyclopentadecanolide (omega-Pentadecalactone) | 106-02-5 | 100,00000 % |

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (**IFRA – 51st amendment**), provided it is used in the following class at a maximum concentration level of: next pages

| Product Type | IFRA Category | Value (%) |
|--|---------------|-----------|
| Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.) | CLASS 1 | 0% |
| Children's toys | | |
| Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deocologne, etc.) | CLASS 2 | 0.13% |
| Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer | CLASS 3 | 2.5% |
| Facial make up and foundation | | |
| Make-up remover for face and eyes | | |
| Nose pore strips | | |
| Wipes or refreshing tissues for face, neck, hands, body | | |
| Body and face paint (for children and adults) | | |
| Facial masks for face and around the eyes | | |
| Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragancing cream, aftershaves of all types, etc.) | CLASS 4 | 2.4% |
| Fragranced bracelets | | |
| Ingredients of perfume kits and fragrance mixtures for cosmetic kits | | |
| Scent pads, foil packs | | |
| Scent strips for hydroalcoholic products | | |
| Body creams, oils, lotions of all types | CLASS 5A | 0.6% |
| Foot care products (creams and powders) | | |
| Insect repellent (intended to be applied to the skin) | | |
| All powders and talc (excluding baby powders and talc) | | |
| Facial toner | CLASS 5B | 0.6% |
| Facial moisturisers and creams | | |
| Hand cream | CLASS 5C | 0.6% |
| Nail care products including cuticle creams, etc. | | |
| Hand sanitisers | | |
| Baby cream/lotion, baby oil, baby powders and talc | CLASS 5D | 0.2% |
| Toothpaste | CLASS 6 | 0% |
| Mouthwash, including breath sprays | | |
| Toothpowder, strips, mouthwash tablets | | |
| Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes | CLASS 7A | 4.8% |
| Hair sprays of all types (pumps, aerosol sprays, etc.) | CLASS 7B | 4.8% |
| Hair styling aids non sprays (mousse, gels, leave- on conditioners) | | |
| Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes | | |
| Shampoo - Dry (waterless shampoo) | | |
| Hair deodoriser | | |
| Intimate wipes | CLASS 8 | 0.2% |
| Tampons | | |
| Baby wipes | | |
| Toilet paper (wet) | | |

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|--|-----------|-------------|
| Bar soap | CLASS 9 | 4.6% |
| Shampoo of all type | | |
| Cleanser for face (rinse-off) | | |
| Conditioner (rinse-off) | | |
| Liquid soap | | |
| Body washes and shower gels of all types | | |
| Baby wash, bath, shampoo | | |
| Bath gels, foams, mousses, salts, oils and other products added to bathwater | | |
| Foot care products (feet are placed in a bath for soaking) | | |
| Shaving creams of all types (stick, gels, foams, etc.) | | |
| All depilatories (including facial) and waxes for mechanical hair removal | | |
| Shampoos for pets | | |
| Hand wash laundry detergent (including concentrates) | CLASS 10A | 4.6% |
| Laundry pre-treatment of all types (e.g. paste, sprays, sticks) | | |
| Hand dishwashing detergent (including concentrates) | | |
| Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) | | |
| Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates | | |
| Dry cleaning kits | | |
| Toilet seat wipes | | |
| Fabric softeners of all types including fabric softener sheets | | |
| Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics) | | |
| Floor wax | | |
| Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. | | |
| Ironing water (Odorised distilled water) | | |
| Animal sprays – sprays applied to animals of all types | CLASS 10B | 17% |
| Air freshener sprays, manual, including aerosol and pump | | |
| Aerosol/spray insecticides | | |
| Feminine hygiene conventional pads, liners, interlabial pads | CLASS 11A | 0.2% |
| Diapers (baby and adult) | | |
| Adult incontinence pant, pad | | |
| Toilet paper (dry) | | |
| Tights with moisturisers | CLASS 11B | 0.2% |
| Scented socks, gloves | | |
| Facial tissues (dry tissues) | | |
| Napkins | | |
| Paper towels | | |
| Wheat bags | | |
| Facial masks (paper/protective) e.g. surgical masks not used as medical device | | |
| Fertilisers, solid (pellet or powder) | | |
| Candles of all types (including encased) | CLASS 12 | 100% |
| Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods) | | |

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| Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals) | | |
| Air delivery systems | | |
| Cat litter | | |
| Cell phone cases | | |
| Deodorisers/maskers not intended for skin contact (e.g. fabric drying machine deodorisers, carpet powders) | | |
| Fuels | | |
| Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays | | |
| Joss sticks or incense sticks | | |
| Dishwash detergent and deodorizers – for machine wash | | |
| Olfactive board games | | |
| Paints | | |
| Plastic articles (excluding toys) | | |
| Scratch and sniff | | |
| Scent pack | | |
| Scent delivery system (using dry air technology) | | |
| Shoe polishes | | |
| Rim blocks (Toilet) | | |