

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

ANNEX V

LIST OF PRESERVATIVES ALLOWED IN COSMETIC PRODUCTS

Preamble

1. For the purposes of this list:
 - ‘Salts’ is taken to mean: salts of the cations sodium, potassium, calcium, magnesium, ammonium and ethanolamines; salts of the anions chloride, bromide, sulphate, acetate.
 - ‘Esters’ is taken to mean: esters of methyl, ethyl, propyl, isopropyl, butyl, isobutyl, phenyl.
- [^{F1}2. All finished products containing substances in this Annex and which release formaldehyde must be labelled with the warning ‘contains formaldehyde’ where the concentration of formaldehyde in the finished product exceeds 0,05 %]

Textual Amendments

- F1** Substituted by [Commission Regulation \(EU\) 2019/831 of 22 May 2019 amending Annexes II, III and V to Regulation \(EC\) No 1223/2009 of the European Parliament and of the Council on cosmetic products \(Text with EEA relevance\).](#)

| Reference number | Substance identification | | | | Conditions | | | Wording of conditions of use and warnings |
|------------------|---|--|---|---|--|--|-------|---|
| | Chemical name/INN | Name of Common Ingredients Glossary | CAS number | EC number | Product type, Body parts | Maximum concentration in ready for use preparation | Other | |
| a | b | c | d | e | f | g | h | i |
| 1 | Benzoic acid and its sodium salt | Benzoic acid Sodium Benzoate | 65-85-0 532-32-1 | 200-618-2 208-534-8 | Rinse-off products, except oral products | 2,5 % (acid) | | |
| | | | | | Oral products | 1,7 % (acid) | | |
| | | | | | Leave-on products | 0,5 % (acid) | | |
| 1a | Salts of benzoic acid other than that listed under reference number 1 and | Ammonium benzoate, calcium benzoate, other potassium benzoate, magnesium benzoate, MEA-benzoate, | 863-63-4 2090-05-3 582-25-2, 553-70-8, 4337-66-0 93-58-3, 93-89-0, 2315-68-6 136-60-7, 120-50-3, | 4217-468-9, 218-235-4, 209-481-3, 209-045-2, 224-387-2, 202-259-7, 202-284-3, 219-020-8, 205-252-7, 204-401-3, | | 0,5 % (acid) | | |

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| | | | | | | | |
|---|---|---|---|---|--|--------------|---|
| | esters of benzoic acid | methyl benzoate, ethyl benzoate, propyl benzoate, butyl benzoate, isobutyl benzoate, isopropyl benzoate, phenyl benzoate | 939-48-0, 93-99-2 | 213-361-6, 202-293-2 | | | |
| 2 | Propionic acid and its salts | Propionic acid, ammonium propionate, calcium propionate, magnesium propionate, potassium propionate, sodium propionate | 79-09-4, 17496-08-1, 4075-81-4, 557-27-7, 327-62-8, 137-40-6 | 201-176-3, 241-503-7, 223-795-8, 209-166-0, 206-323-5, 205-290-4 | | 2 % (acid) | |
| 3 | Salicylic acid ^a and its salts | Salicylic acid, calcium salicylate, magnesium salicylate, MEA-salicylate, sodium salicylate, potassium salicylate, TEA-salicylate | 69-72-7, 824-35-1, 18917-89-0, 59866-70-3, 54-21-7, 578-36-9, 2174-16-5 | 200-712-3, 212-525-4, 042-669-3, 361-963-2, 200-198-0, 209-421-6, 218-531-3 | | 0,5 % (acid) | Not to be used in products for children under 3 years of age, except for shampoos |
| 4 | Hexa-2,4-dienoic acid and its salts | Sorbic acid, calcium sorbate, sodium sorbate, potassium sorbate | 110-44-1, 7492-55-9, 7757-81-5, 24634-61-3 | 203-768-7, 231-321-6, 231-819-3, 346-376-1 | | 0,6 % (acid) | |

[^{F2}

^{F2}]

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| | | | | | | | | |
|---------------------|---|--|---|--|----------------|---|---|-------------------------|
| 6 | Moved or deleted | | | | | | | |
| [^{F9} 7 | Biphenylol ^s | 2-Phenylphenol | 90-43-7 | 201-993-5 | (a) | Rinse-off Products | 0,2 % (as phenol) | Avoid contact with eyes |
| | | | | | (b) | Leave-on products | 0,15 % (as phenol)] | |
| 8 | Pyrithione zinc ^d | Zinc pyrithione | 13463-41 | 236-671-3 | Hair products | 1,0 % | Only in rinse-off products Not to be used in oral products | |
| | | | | | Other products | 0,5 % | | |
| 9 | Inorganic sulphites and hydrogen sulphites ^e | Sodium sulfite, ammonium bisulfite, ammonium sulfite, potassium sulfite, potassium hydrogen sulfite, sodium bisulfite, sodium metabisulfite, potassium metabisulfite | 7757-83-7, 10192-30-0, 10196-04-0, 10117-38-2, 7773-03-7, 7631-90-5, 7681-57-4, 16731-55-8 | 7231-821-4, 033-469-7, 033-484-9, 233-321-1, 7231-870-1, 231-548-0, 4231-673-0, 840-795-3 | | 0,2 % (as free SO ₂) | | |
| 10 | Moved or deleted | | | | | | | |
| 11 | Chlorobutanol | Chlorobutanol | 57115-8 | 200-317-6 | | 0,5 % | Not to be used in aerosol dispensers (sprays) | Contains Chlorobutanol |
| [^{F10} 12 | 4-Hydroxybenzoic acid and its Methyl- and Ethyl-esters, | 4-Hydroxybenzoic acid methylparaben potassium ethylparaben potassium paraben | 99-96-7, 99-76-3, 36457-19-2, 16782-08-4, 5026-62-0, 35285-68-8, 120-47-8, 114-63-6, 26112-07-2 | 202-804-9, 202-785-7, 953-048-1, 240-830-2, 0225-714-1, 852-487-6, 204-399-4, 204-051-1, 247-464-2 | | 0,4 % (as acid) for single ester 0,8 % (as acid) for | |]] |

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| | | | | | | | | |
|----------------------|---|---|--|--|--|---|---|---|
| | and their salts | sodium methylparaben sodium ethylparaben ethylparaben sodium paraben potassium methylparaben calcium paraben | 69959-44-0 74-235-4 | | | mixtures of esters | | |
| [^{F11} 12a | Butyl 4-hydroxybenzoate and its salts Propyl 4-hydroxybenzoate and its salts | Butylparaben propylparaben sodium propylparaben sodium butylparaben potassium butylparaben potassium propylparaben | 94-26-8 94-13-3 35285-69-2 16457-20-2 38566-94-8 84930-16-3 | 202-318-7 202-307-7 252-488-1 253-049-7 854-009-1 384-597-5 | | 0,14 % (as acid) for the sum of the individual concentrations 0,8 % (as acid) for mixtures of substances mentioned in entry 12 and 12a, where the sum of the individual concentrations of butyl- and propylparaben and their salts does not exceed 0,14 % | Not to be used in leave-on products designed for children under three years of age: 'Do not use on the nappy area'] | For leave-on products designed for children under three years of age: 'Do not use on the nappy area'] |
| 13 | 3-Acetyl-6-methylpyridin-3(1H)-dione and its salts | Dehydroacetone acid, sodium dehydroacetate | 520-45-6 4418-26-2 16807-48-0 | 208-293-9, 224-580-1 | | 0,6 % (as acid) | Not to be used in aerosol dispensers (sprays) | |
| 14 | Formic acid and its | Formic acid, | 64-18-6, 141-53-7 | 200-579-1, 205-488-0 | | 0,5 % (as acid) | | |

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| | | | | | | | |
|----|---|--|--|---|--------------|--|-----------------------------------|
| | sodium salt | sodium formate | | | | | |
| 15 | 3,3'-Dibromo-4,4'-hexamethylenedioxydibenzamidine and its salts (including isethionate) | Dibromohydroxyisethionate | 938-56-8, 938-57-6, 938-58-4, 938-59-2, 938-60-1, 938-61-0, 938-62-9, 938-63-8, 938-64-7, 938-65-6, 938-66-5, 938-67-4, 938-68-3, 938-69-2, 938-70-1, 938-71-0, 938-72-9, 938-73-8, 938-74-7, 938-75-6, 938-76-5, 938-77-4, 938-78-3, 938-79-2, 938-80-1, 938-81-0, 938-82-9, 938-83-8, 938-84-7, 938-85-6, 938-86-5, 938-87-4, 938-88-3, 938-89-2, 938-90-1, 938-91-0, 938-92-9, 938-93-8, 938-94-7, 938-95-6, 938-96-5, 938-97-4, 938-98-3, 938-99-2, 938-100-1, 938-101-0, 938-102-9, 938-103-8, 938-104-7, 938-105-6, 938-106-5, 938-107-4, 938-108-3, 938-109-2, 938-110-1, 938-111-0, 938-112-9, 938-113-8, 938-114-7, 938-115-6, 938-116-5, 938-117-4, 938-118-3, 938-119-2, 938-120-1, 938-121-0, 938-122-9, 938-123-8, 938-124-7, 938-125-6, 938-126-5, 938-127-4, 938-128-3, 938-129-2, 938-130-1, 938-131-0, 938-132-9, 938-133-8, 938-134-7, 938-135-6, 938-136-5, 938-137-4, 938-138-3, 938-139-2, 938-140-1, 938-141-0, 938-142-9, 938-143-8, 938-144-7, 938-145-6, 938-146-5, 938-147-4, 938-148-3, 938-149-2, 938-150-1, 938-151-0, 938-152-9, 938-153-8, 938-154-7, 938-155-6, 938-156-5, 938-157-4, 938-158-3, 938-159-2, 938-160-1, 938-161-0, 938-162-9, 938-163-8, 938-164-7, 938-165-6, 938-166-5, 938-167-4, 938-168-3, 938-169-2, 938-170-1, 938-171-0, 938-172-9, 938-173-8, 938-174-7, 938-175-6, 938-176-5, 938-177-4, 938-178-3, 938-179-2, 938-180-1, 938-181-0, 938-182-9, 938-183-8, 938-184-7, 938-185-6, 938-186-5, 938-187-4, 938-188-3, 938-189-2, 938-190-1, 938-191-0, 938-192-9, 938-193-8, 938-194-7, 938-195-6, 938-196-5, 938-197-4, 938-198-3, 938-199-2, 938-200-1, 938-201-0, 938-202-9, 938-203-8, 938-204-7, 938-205-6, 938-206-5, 938-207-4, 938-208-3, 938-209-2, 938-210-1, 938-211-0, 938-212-9, 938-213-8, 938-214-7, 938-215-6, 938-216-5, 938-217-4, 938-218-3, 938-219-2, 938-220-1, 938-221-0, 938-222-9, 938-223-8, 938-224-7, 938-225-6, 938-226-5, 938-227-4, 938-228-3, 938-229-2, 938-230-1, 938-231-0, 938-232-9, 938-233-8, 938-234-7, 938-235-6, 938-236-5, 938-237-4, 938-238-3, 938-239-2, 938-240-1, 938-241-0, 938-242-9, 938-243-8, 938-244-7, 938-245-6, 938-246-5, 938-247-4, 938-248-3, 938-249-2, 938-250-1, 938-251-0, 938-252-9, 938-253-8, 938-254-7, 938-255-6, 938-256-5, 938-257-4, 938-258-3, 938-259-2, 938-260-1, 938-261-0, 938-262-9, 938-263-8, 938-264-7, 938-265-6, 938-266-5, 938-267-4, 938-268-3, 938-269-2, 938-270-1, 938-271-0, 938-272-9, 938-273-8, 938-274-7, 938-275-6, 938-276-5, 938-277-4, 938-278-3, 938-279-2, 938-280-1, 938-281-0, 938-282-9, 938-283-8, 938-284-7, 938-285-6, 938-286-5, 938-287-4, 938-288-3, 938-289-2, 938-290-1, 938-291-0, 938-292-9, 938-293-8, 938-294-7, 938-295-6, 938-296-5, 938-297-4, 938-298-3, 938-299-2, 938-300-1, 938-301-0, 938-302-9, 938-303-8, 938-304-7, 938-305-6, 938-306-5, 938-307-4, 938-308-3, 938-309-2, 938-310-1, 938-311-0, 938-312-9, 938-313-8, 938-314-7, 938-315-6, 938-316-5, 938-317-4, 938-318-3, 938-319-2, 938-320-1, 938-321-0, 938-322-9, 938-323-8, 938-324-7, 938-325-6, 938-326-5, 938-327-4, 938-328-3, 938-329-2, 938-330-1, 938-331-0, 938-332-9, 938-333-8, 938-334-7, 938-335-6, 938-336-5, 938-337-4, 938-338-3, 938-339-2, 938-340-1, 938-341-0, 938-342-9, 938-343-8, 938-344-7, 938-345-6, 938-346-5, 938-347-4, 938-348-3, 938-349-2, 938-350-1, 938-351-0, 938-352-9, 938-353-8, 938-354-7, 938-355-6, 938-356-5, 938-357-4, 938-358-3, 938-359-2, 938-360-1, 938-361-0, 938-362-9, 938-363-8, 938-364-7, 938-365-6, 938-366-5, 938-367-4, 938-368-3, 938-369-2, 938-370-1, 938-371-0, 938-372-9, 938-373-8, 938-374-7, 938-375-6, 938-376-5, 938-377-4, 938-378-3, 938-379-2, 938-380-1, 938-381-0, 938-382-9, 938-383-8, 938-384-7, 938-385-6, 938-386-5, 938-387-4, 938-388-3, 938-389-2, 938-390-1, 938-391-0, 938-392-9, 938-393-8, 938-394-7, 938-395-6, 938-396-5, 938-397-4, 938-398-3, 938-399-2, 938-400-1, 938-401-0, 938-402-9, 938-403-8, 938-404-7, 938-405-6, 938-406-5, 938-407-4, 938-408-3, 938-409-2, 938-410-1, 938-411-0, 938-412-9, 938-413-8, 938-414-7, 938-415-6, 938-416-5, 938-417-4, 938-418-3, 938-419-2, 938-420-1, 938-421-0, 938-422-9, 938-423-8, 938-424-7, 938-425-6, 938-426-5, 938-427-4, 938-428-3, 938-429-2, 938-430-1, 938-431-0, 938-432-9, 938-433-8, 938-434-7, 938-435-6, 938-436-5, 938-437-4, 938-438-3, 938-439-2, 938-440-1, 938-441-0, 938-442-9, 938-443-8, 938-444-7, 938-445-6, 938-446-5, 938-447-4, 938-448-3, 938-449-2, 938-450-1, 938-451-0, 938-452-9, 938-453-8, 938-454-7, 938-455-6, 938-456-5, 938-457-4, 938-458-3, 938-459-2, 938-460-1, 938-461-0, 938-462-9, 938-463-8, 938-464-7, 938-465-6, 938-466-5, 938-467-4, 938-468-3, 938-469-2, 938-470-1, 938-471-0, 938-472-9, 938-473-8, 938-474-7, 938-475-6, 938-476-5, 938-477-4, 938-478-3, 938-479-2, 938-480-1, 938-481-0, 938-482-9, 938-483-8, 938-484-7, 938-485-6, 938-486-5, 938-487-4, 938-488-3, 938-489-2, 938-490-1, 938-491-0, 938-492-9, 938-493-8, 938-494-7, 938-495-6, 938-496-5, 938-497-4, 938-498-3, 938-499-2, 938-500-1, 938-501-0, 938-502-9, 938-503-8, 938-504-7, 938-505-6, 938-506-5, 938-507-4, 938-508-3, 938-509-2, 938-510-1, 938-511-0, 938-512-9, 938-513-8, 938-514-7, 938-515-6, 938-516-5, 938-517-4, 938-518-3, 938-519-2, 938-520-1, 938-521-0, 938-522-9, 938-523-8, 938-524-7, 938-525-6, 938-526-5, 938-527-4, 938-528-3, 938-529-2, 938-530-1, 938-531-0, 938-532-9, 938-533-8, 938-534-7, 938-535-6, 938-536-5, 938-537-4, 938-538-3, 938-539-2, 938-540-1, 938-541-0, 938-542-9, 938-543-8, 938-544-7, 938-545-6, 938-546-5, 938-547-4, 938-548-3, 938-549-2, 938-550-1, 938-551-0, 938-552-9, 938-553-8, 938-554-7, 938-555-6, 938-556-5, 938-557-4, 938-558-3, 938-559-2, 938-560-1, 938-561-0, 938-562-9, 938-563-8, 938-564-7, 938-565-6, 938-566-5, 938-567-4, 938-568-3, 938-569-2, 938-570-1, 938-571-0, 938-572-9, 938-573-8, 938-574-7, 938-575-6, 938-576-5, 938-577-4, 938-578-3, 938-579-2, 938-580-1, 938-581-0, 938-582-9, 938-583-8, 938-584-7, 938-585-6, 938-586-5, 938-587-4, 938-588-3, 938-589-2, 938-590-1, 938-591-0, 938-592-9, 938-593-8, 938-594-7, 938-595-6, 938-596-5, 938-597-4, 938-598-3, 938-599-2, 938-600-1, 938-601-0, 938-602-9, 938-603-8, 938-604-7, 938-605-6, 938-606-5, 938-607-4, 938-608-3, 938-609-2, 938-610-1, 938-611-0, 938-612-9, 938-613-8, 938-614-7, 938-615-6, 938-616-5, 938-617-4, 938-618-3, 938-619-2, 938-620-1, 938-621-0, 938-622-9, 938-623-8, 938-624-7, 938-625-6, 938-626-5, 938-627-4, 938-628-3, 938-629-2, 938-630-1, 938-631-0, 938-632-9, 938-633-8, 938-634-7, 938-635-6, 938-636-5, 938-637-4, 938-638-3, 938-639-2, 938-640-1, 938-641-0, 938-642-9, 938-643-8, 938-644-7, 938-645-6, 938-646-5, 938-647-4, 938-648-3, 938-649-2, 938-650-1, 938-651-0, 938-652-9, 938-653-8, 938-654-7, 938-655-6, 938-656-5, 938-657-4, 938-658-3, 938-659-2, 938-660-1, 938-661-0, 938-662-9, 938-663-8, 938-664-7, 938-665-6, 938-666-5, 938-667-4, 938-668-3, 938-669-2, 938-670-1, 938-671-0, 938-672-9, 938-673-8, 938-674-7, 938-675-6, 938-676-5, 938-677-4, 938-678-3, 938-679-2, 938-680-1, 938-681-0, 938-682-9, 938-683-8, 938-684-7, 938-685-6, 938-686-5, 938-687-4, 938-688-3, 938-689-2, 938-690-1, 938-691-0, 938-692-9, 938-693-8, 938-694-7, 938-695-6, 938-696-5, 938-697-4, 938-698-3, 938-699-2, 938-700-1, 938-701-0, 938-702-9, 938-703-8, 938-704-7, 938-705-6, 938-706-5, 938-707-4, 938-708-3, 938-709-2, 938-710-1, 938-711-0, 938-712-9, 938-713-8, 938-714-7, 938-715-6, 938-716-5, 938-717-4, 938-718-3, 938-719-2, 938-720-1, 938-721-0, 938-722-9, 938-723-8, 938-724-7, 938-725-6, 938-726-5, 938-727-4, 938-728-3, 938-729-2, 938-730-1, 938-731-0, 938-732-9, 938-733-8, 938-734-7, 938-735-6, 938-736-5, 938-737-4, 938-738-3, 938-739-2, 938-740-1, 938-741-0, 938-742-9, 938-743-8, 938-744-7, 938-745-6, 938-746-5, 938-747-4, 938-748-3, 938-749-2, 938-750-1, 938-751-0, 938-752-9, 938-753-8, 938-754-7, 938-755-6, 938-756-5, 938-757-4, 938-758-3, 938-759-2, 938-760-1, 938-761-0, 938-762-9, 938-763-8, 938-764-7, 938-765-6, 938-766-5, 938-767-4, 938-768-3, 938-769-2, 938-770-1, 938-771-0, 938-772-9, 938-773-8, 938-774-7, 938-775-6, 938-776-5, 938-777-4, 938-778-3, 938-779-2, 938-780-1, 938-781-0, 938-782-9, 938-783-8, 938-784-7, 938-785-6, 938-786-5, 938-787-4, 938-788-3, 938-789-2, 938-790-1, 938-791-0, 938-792-9, 938-793-8, 938-794-7, 938-795-6, 938-796-5, 938-797-4, 938-798-3, 938-799-2, 938-800-1, 938-801-0, 938-802-9, 938-803-8, 938-804-7, 938-805-6, 938-806-5, 938-807-4, 938-808-3, 938-809-2, 938-810-1, 938-811-0, 938-812-9, 938-813-8, 938-814-7, 938-815-6, 938-816-5, 938-817-4, 938-818-3, 938-819-2, 938-820-1, 938-821-0, 938-822-9, 938-823-8, 938-824-7, 938-825-6, 938-826-5, 938-827-4, 938-828-3, 938-829-2, 938-830-1, 938-831-0, 938-832-9, 938-833-8, 938-834-7, 938-835-6, 938-836-5, 938-837-4, 938-838-3, 938-839-2, 938-840-1, 938-841-0, 938-842-9, 938-843-8, 938-844-7, 938-845-6, 938-846-5, 938-847-4, 938-848-3, 938-849-2, 938-850-1, 938-851-0, 938-852-9, 938-853-8, 938-854-7, 938-855-6, 938-856-5, 938-857-4, 938-858-3, 938-859-2, 938-860-1, 938-861-0, 938-862-9, 938-863-8, 938-864-7, 938-865-6, 938-866-5, 938-867-4, 938-868-3, 938-869-2, 938-870-1, 938-871-0, 938-872-9, 938-873-8, 938-874-7, 938-875-6, 938-876-5, 938-877-4, 938-878-3, 938-879-2, 938-880-1, 938-881-0, 938-882-9, 938-883-8, 938-884-7, 938-885-6, 938-886-5, 938-887-4, 938-888-3, 938-889-2, 938-890-1, 938-891-0, 938-892-9, 938-893-8, 938-894-7, 938-895-6, 938-896-5, 938-897-4, 938-898-3, 938-899-2, 938-900-1, 938-901-0, 938-902-9, 938-903-8, 938-904-7, 938-905-6, 938-906-5, 938-907-4, 938-908-3, 938-909-2, 938-910-1, 938-911-0, 938-912-9, 938-913-8, 938-914-7, 938-915-6, 938-916-5, 938-917-4, 938-918-3, 938-919-2, 938-920-1, 938-921-0, 938-922-9, 938-923-8, 938-924-7, 938-925-6, 938-926-5, 938-927-4, 938-928-3, 938-929-2, 938-930-1, 938-931-0, 938-932-9, 938-933-8, 938-934-7, 938-935-6, 938-936-5, 938-937-4, 938-938-3, 938-939-2, 938-940-1, 938-941-0, 938-942-9, 938-943-8, 938-944-7, 938-945-6, 938-946-5, 938-947-4, 938-948-3, 938-949-2, 938-950-1, 938-951-0, 938-952-9, 938-953-8, 938-954-7, 938-955-6, 938-956-5, 938-957-4, 938-958-3, 938-959-2, 938-960-1, 938-961-0, 938-962-9, 938-963-8, 938-964-7, 938-965-6, 938-966-5, 938-967-4, 938-968-3, 938-969-2, 938-970-1, 938-971-0, 938-972-9, 938-973-8, 938-974-7, 938-975-6, 938-976-5, 938-977-4, 938-978-3, 938-979-2, 938-980-1, 938-981-0, 938-982-9, 938-983-8, 938-984-7, 938-985-6, 938-986-5, 938-987-4, 938-988-3, 938-989-2, 938-990-1, 938-991-0, 938-992-9, 938-993-8, 938-994-7, 938-995-6, 938-996-5, 938-997-4, 938-998-3, 938-999-2, 938-1000-1 | 0,1 % | | | |
| 16 | Thiomersal | Thimerosal | 54-64-8 | 200-210-4 | Eye products | 0,007 % (of Hg) If mixed with other mercurial compounds authorised by this Regulation, the maximum concentration of Hg remains fixed at 0,007 % | Contains Thiomersal |
| 17 | Phenylmercuric salts (including borate) | Phenyl Mercuric Acetate, Phenyl Mercuric Benzoate | 62-38-4, 94-43-9 | 200-532-5, 202-331-8 | Eye products | 0,007 % (of Hg) If mixed with other mercurial compounds authorised by this Regulation, the maximum concentration of Hg remains fixed at 0,007 % | Contains Phenylmercuric compounds |
| 18 | Undecenoic acid and its salts | Undecylenic acid, potassium undecylenate, sodium undecylenate, calcium | 12-38-9, 6159-41-7, 3398-33-2, 22-14-1, 84471-25-0, 56532-40-2 | 203-965-8, 222-264-8, 215-331-8, 282-908-9, 060-247-7 | | 0,2 % (as acid) | |

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

| | | | | | | | |
|---------------------|--|--|------------|-----------|--|------------|---|
| | | undecylenate, TEA- undecylenate, MEA- undecylenate | | | | | |
| 19 | 5- Pyrimidinamine, 1,3- bis (2- ethylhexyl) hexahydro-5- methyl- | Hexetidine | 41-94-6 | 205-513-5 | | 0,1 % | |
| 20 | 5- Bromo-5- nitro-1,3- dioxane | 5- Bromo-5- nitro-1,3- dioxane | 30007-47-7 | 250-001-7 | Rinse- off products | 0,1 % | Avoid formation of nitrosamines |
| 21 | Bronopol | 2- Bromo-2- nitropropane-1,3- diol | 52-51-7 | 200-143-0 | | 0,1 % | Avoid formation of nitrosamines |
| 22 | 2,4- Dichlorobenzyl alcohol | Dichlorobenzyl alcohol | 4771-82-8 | 217-210-5 | | 0,15 % | |
| 23 | 1-(4- Chlorophenyl)-3- (3,4- dichlorophenyl) urea ^f | Triclocarban | 101-20-2 | 202-924-1 | | 0,2 % | Purity criteria: 3,3',4,4'- Tetrachloroazobenzene <1 ppm 3,3',4,4'- Tetrachloroazoxybenzene <1 ppm |
| 24 | Chlorocresol | Chloro- m- Cresol | 59-50-7 | 200-431-6 | Not to be used in products applied on mucuous membranes | 0,2 % | |
| 1 ^{F12} 25 | 5- Chloro-2- (2,4- dichlorophenoxy) phenol | Triclosan | 3380-34-5 | 222-182-2 | (a) Hand soaps Body soaps/ Shower gels | Toothpaste | 0,3 % |

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

| | | | | | Deodorants (non-spray) Face powders and blemish concealers Nail products for cleaning the fingernails and toenails before the application of artificial nail systems | | |
|---------|---|------------------------|--|------------------------|--|-------------|--|
| | | | | | (b) | Mouthwashes | % |
| 26 | Chloroxylenol | Chloroxylenol | 8804-0 | 201-793-8 | | 0,5 % | |
| 27 | N,N'-methylenebis[3-(hydroxymethyl)-2,5-dioximidazolidin-4-yl]urea] | Imidazolidinone | 39236-46 | 254-372-6 | | 0,6 % | |
| [F1] 28 | Polyhexanone biguanide hydrochloride | Polyhexanone biguanide | 32389-58 27083-27-8 28757-47-3, 133029-32-0 | 608-723-9 608-042-7 | | 0,1 % | Not to be used in applications that may lead to exposure of the end-user's lungs by inhalation |
| 29 | 2-Phenoxyethanol | Phenoxyethanol | 12269-6 | 204-589-7 | | 1,0 % | |
| 30 | Methenamine | Methenamine | 100-97-0 | 202-905-8 | | 0,15 % | |

[F2]

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| | | | | | | | | |
|---------------------|--|---|-------------|------------|--------------------|--|--|---|
| 32 | 1-(4-Chlorophenoxy)-1-(imidazol-1-yl)-3,3-dimethylbutan-2-one | Climbazol | 138083-17-4 | 953-775-4 | | 0,5 % | | |
| 33 | 1,3-Bis(hydroxymethyl)-5-dimethylimidazolidine-2,4-dione | DMDM Hydantoin | 6440-58-0 | 0229-222-8 | | 0,6 % | | |
| [^{F3} 34 | Benzyl alcohol* | Benzyl Alcohol | 100-51-6 | 202-859-9 | | 1,0 % | |] |
| 35 | 1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2-pyridon and its monoethanolamine salt | 1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2-pyridon, Piroctone Olamine | 50650-76-4 | 372-574-2 | Rinse-off products | 1,0 % | | |
| | | | 468890-66-4 | | Other products | 0,5 % | | |
| 36 | Moved or deleted | | | | | | | |
| 37 | 2,2'-methylenebis(6-bromo-4-chlorophenol) | Bromochlorophenol | 15415-29-2 | 239-446-8 | | 0,1 % | | |
| 38 | 4-Isopropyl-m-cresol | o-Cymenol | 3228-02-2 | 221-761-7 | | 0,1 % | | |
| [^{F13} 39 | Mixture of 5-Chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one | Methylchloroisothiazolinone (and) Methylisothiazolinone | 26173-45-2 | 247-500-7 | Rinse-off products | 0,0015 % (of a mixture in the ratio 3:1 of 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one) | |] |

[^{F2}

F2]

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

| | | | | | | | |
|----|---|---------------------------|------------|--------------|--------------------|--|--------------------------------|
| | (including isethionate and p-hydroxybenzoate) | | | | | | |
| 48 | Glutaraldehyde (Pentane-1,5-dial) | Glutaral | 111-30-8 | 203-856-5 | 0,1 % | Not to be used in aerosols (sprays) | Contains glutaral ¹ |
| 49 | 5-Ethyl-3,7-dioxo-1-azabicyclo[3.3.0]octane | 7-Ethylbicyclooxazolidine | 7747-35-5 | 5231-810-4 | 0,3 % | Not to be used in oral products and in products applied on mucous membranes | |
| 50 | 3-(p-Chlorophenoxy)-propane-1,2-diol | Chlorphenesin | 64-29-0 | 203-192-6 | 0,3 % | | |
| 51 | Sodium hydroxymethylacetate | Sodium Glycylglycinate | 70161-44-3 | 274-357-8 | 0,5 % | | |
| 52 | Silver chloride deposited on titanium dioxide | Silver chloride | 7783-90-6 | 232-033-3 | 0,004 % (as AgCl) | 20 % AgCl (w/w) on TiO ₂ . Not to be used in products for children under 3 years of age, in oral products and in eye and lip products | |
| 53 | Benzenemethanone, N,N-dimethyl-N-[2- | Etazamolum Chloride | 111-54-0 | 204-479-9(a) | 0,1 % off products | | |

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

| | | | | | | | | |
|----|--|--|---|--|-------------------|--|---|---|
| | [2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethyl]-, chloride | | | | (b) | Leave-on products other than oral products | | |
| 54 | Benzalkonium chloride, bromide and saccharinate | Benzalkonium chloride, benzalkonium bromide, benzalkonium saccharinate | 8001-54-5, 63449-41-2, 91080-29-4, 68989-01-3, 68424-85-2, 68391-01-3, 61789-71-8, 85409-22-9 | 5264-151-6, 293-522-5, 273-545-7, 370-325-2, 269-919-4, 363-080-8, 287-089-1, 85409-22-9 | | 0,1 % (as benzalkonium chloride) | | Avoid contact with eyes |
| 55 | Methanol (phenylmethoxy-) | Benzylhenylmethoxy- | 4648-60-8 | 838-588-8 | | Rinse-off products | 0,15 % | |
| 56 | 3-Iodo-2-propynylbutylcarbamate | Iodopropylbutylcarbamate | 55406-53-8 | 859-627-5 | (a) (b) (c) | Rinse-off products Leave-on products Deodorants/anti-perspirants | 0,02 % 0,036 % 0,071 % (a) (b) (c) | (a) Not to be used for children under 3 years of age ^k (b) Not to be used for children under 3 years of age, except in bath products/shower gels and shampoo (c) Not to be used in body lotion |

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

| | | | | | | | | |
|--------------------------------------|--|----------------------------|------------|------------|--------------------|----------------|-------------|--|
| | | | | | | | (b) and (c) | and body cream ^m Not to be used in products for children under 3 years of age |
| [^{F7} 57] | 2-Methyl-2H-isothiazol-3-one | Methylisothiazolinone | 2682-20-4 | 1220-239-6 | Rinse-off products | 0,0015 % |]] | |
| [^{F4} [^{F15} 58] | Ethyl-N-alpha-dodecanoyl-L-arginate hydrochloride ^a | Ethyl Lauroyl Arginate HCl | 60372-77-4 | 234-630-6 | (a) | Mouthwashes | (a) 0,15 % | (a) Not to be used in preparations for children under 10 years of age |
| | | | | | (b) | Other products | (b) 0,1 % | Not to be used in lip products, oral products (other than mouthwashes), and spray products]] |

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

| | | | | | | | | |
|------------------------------------|---|----------------------------------|---|-----------|--|--|--|----|
| [^{F5} [^{X1} 59 | 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, silver monohydrate and 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, silver(1+) salt, monohydrate | Citric acid (and) Silver citrate | — | 460-890-5 | | 0,2 %, corresponding to 0,0024 % of silver | Not to be used in oral products and eye products |]] |
| a | For use other than as a preservative, see Annex III, No. 98. | | | | | | | |
| b | Solely for products which might be used for children under 3 years of age and which remain in prolonged contact with the skin. | | | | | | | |
| c | [^{F2} For use other than as a preservative, see Annex III, No. 13.] | | | | | | | |
| d | For use other than as a preservative, see Annex III, No. 101. | | | | | | | |
| e | For use other than as a preservative, see Annex III, No. 99. | | | | | | | |
| f | For use other than as a preservative, see Annex III, No. 100. | | | | | | | |
| g | [^{F3} For other uses than preservatives, see Annex III, entry No 45.] | | | | | | | |
| h | For use other than as a preservative, see Annex III, No. 54. | | | | | | | |
| i | Only if the concentration exceeds 0,05 %. | | | | | | | |
| j | For use other than as a preservative, see Annex III, No. 65. | | | | | | | |
| k | Solely for products, other than bath products/shower gels and shampoo, which might be used for children under 3 years of age. | | | | | | | |
| l | Solely for products which might be used for children under 3 years of age. | | | | | | | |
| m | Concerns any products aimed to be applied on a large part of the body. | | | | | | | |
| n | [^{F4} For other uses than preservatives, see Annex III, entry No 197.] | | | | | | | |
| o | [^{F5} [^{X1} For use other than as a preservative, see Annex III, No 287. | | | | | | | |
| p | For use other than as a preservative, see Annex III, No 286.]] | | | | | | | |
| q | [^{F6} Methylisothiazolinone is also regulated in entry 57. The two entries are mutually exclusive: the use of the mixture of Methylchlorisothiazolinone (and) Methylisothiazolinone is incompatible with the use of Methylisothiazolinone alone in the same product.] | | | | | | | |
| r | [^{F7} Methylisothiazolinone is also regulated in entry 39 of Annex V in a mixture with methylchlorisothiazolinone. The two entries are mutually exclusive: the use of the mixture of Methylchlorisothiazolinone (and) Methylisothiazolinone is incompatible with the use of Methylisothiazolinone alone in the same product.] | | | | | | | |
| s | [^{F8} From 17 June 2019 cosmetic products containing Biphenyl-2-ol and not complying with those conditions shall not be placed on the Union market. From 17 September 2019 cosmetic products containing Biphenyl-2-ol and not complying with those conditions shall not be made available on the Union market.] | | | | | | | |

Editorial Information

- X1** Substituted by [Corrigendum to Commission Regulation \(EU\) No 866/2014 of 8 August 2014 amending Annexes III, V and VI to Regulation \(EC\) No 1223/2009 of the European Parliament and the Council on cosmetic products \(Official Journal of the European Union L 238 of 9 August 2014\)](#).

Status: Point in time view as at 17/06/2019.

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V. (See end of Document for details)

Textual Amendments

- F2** Deleted by Commission Regulation (EU) 2019/831 of 22 May 2019 amending Annexes II, III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F3** Substituted by Commission Regulation (EU) No 344/2013 of 4 April 2013 amending Annexes II, III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F4** Substituted by Commission Regulation (EU) 2016/1121 of 11 July 2016 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F5** Inserted by Commission Regulation (EU) No 866/2014 of 8 August 2014 amending Annexes III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and the Council on cosmetic products (Text with EEA relevance).
- F6** Inserted by Commission Regulation (EU) No 1003/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F7** Substituted by Commission Regulation (EU) 2017/1224 of 6 July 2017 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F8** Inserted by Commission Regulation (EU) 2018/1847 of 26 November 2018 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F9** Substituted by Commission Regulation (EU) 2018/1847 of 26 November 2018 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F10** Substituted by Commission Regulation (EU) No 1004/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F11** Inserted by Commission Regulation (EU) No 1004/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F12** Substituted by Commission Regulation (EU) No 358/2014 of 9 April 2014 amending Annexes II and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F13** Substituted by Commission Regulation (EU) No 1003/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F14** Substituted by Commission Regulation (EU) No 866/2014 of 8 August 2014 amending Annexes III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and the Council on cosmetic products (Text with EEA relevance).
- F15** Inserted by Commission Regulation (EU) No 344/2013 of 4 April 2013 amending Annexes II, III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).

Status:

Point in time view as at 17/06/2019.

Changes to legislation:

There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council, ANNEX V.