

Audit - EU DK MAL Code

PPG AQUACOVER ONE 645 (TINTED)

	Product as is	Ready-for-use mixture
MAL Code	0-3	Not applicable.
MAL Protection	According to the regulations on work involving coded products, the following stipulations apply to the use of personal protective equipment: General: Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. A face shield must be worn in work involving spattering if a full mask is not required. In this case, other recommended use of eye protection is not required. In all spraying operations in which there is return spray, the following must be worn: respiratory protection and arm protectors/ apron/coveralls/protective clothing as appropriate or as instructed. MAL-code: 0-3 Application: During downtimes, cleaning and repair of closed facilities, spray booths or cabins, if there is a risk of contact with wet paint or organic solvents. When using scraper or knife, brush, roller, etc. for pre- and post-treatments in cabins or booths of the existing* facility type, if the operator is inside the spray zone. - Coveralls must be worn. When spraying in existing* spray booths, if the operator is outside the spray zone. - Arm protectors and apron must be worn. During non-atomizing spraying in existing* facilities of the combined-cabin, spray-cabin and spray-booth type where the operator is working inside the spray zone. - Gas filter mask must be worn. During all spraying where atomization occurs in cabins or spray booths where the operator is inside the spray zone and during spraying outside a closed facility, cabin or booth. - Air-supplied full mask, coveralls and hood must be worn.	Not applicable.

Not applicable.

Drying: Items for drying/drying ovens that are temporarily placed on such things as rack trolleys, etc. must be equipped with a mechanical exhaust system to prevent fumes from wet items from passing through workers' inhalation zone.

Polishing: When polishing treated surfaces, a mask with dust filter must be worn. When machine grinding, eye protection must be worn. Work gloves must always be worn.

Caution The regulations contain other stipulations in addition to the above.

*See Regulations.

Not applicable.

Not applicable.

Low Boiling
Liquid
MAL Number
Audit (Textual)

63.13

3

Figure-before-dash (from MAL Number) = 0

$30 < \text{MAL Number [63.13]} \leq 100$

$\text{MAL Number} = \text{density} * \Sigma[\text{Conc}(i) * \text{MAL Factor}(i)] = 1.131 * 55.82 = 63.13$

Density (from Density (g/m³) data entry) = 1.131

$\Sigma[\text{Conc}(i) * \text{MAL Factor}(i)] = 55.82$

[ammonia] Conc * MAL Factor = 0.1673% * 50 = 8.364

MAL Factor entered against range: '0 to 0.2' = 50

[Ethanol, 2,2'-(butylimino)bis-] Conc * MAL Factor = 0.03817% * 1000 = 38.17

MAL Factor entered against range: '0 to 100' = 1000

[Ultramarine blue] Conc * MAL Factor = 0.03732% * 50 = 1.866

MAL Factor entered against range: '0 to 100' = 50

[(2-methoxymethylethoxy)propanol] Conc * MAL Factor = 0.02477% * 5 = 0.1238

MAL Factor entered against range: '0 to 100' = 5

[AMMONIA] Conc * MAL Factor = 0.02049% * 50 = 1.025

MAL Factor entered against range: '0 to 0.2' = 50

[DIMETHYLAMINOETHANOL] Conc * MAL Factor = 0.02004% * 280 = 5.610

MAL Factor entered against range: '0 to 100' = 280

[2-BUTOXY ETHANOL] Conc * MAL Factor = 0.005339% * 25 = 0.1335

MAL Factor entered against range: '0 to 100' = 25

[1-BUTANOL] Conc * MAL Factor = 0.001765% * 67 = 0.1183

MAL Factor entered against range: '0 to 100' = 67

[ACETIC ACID] Conc * MAL Factor = 0.0001917% * 400 = 0.07669

MAL Factor entered against range: '0 to 100' = 400

[ETHANOLAMINE] Conc * MAL Factor = 0.00009245% * 500 = 0.04622

MAL Factor entered against range: '0 to 100' = 500

[PROPYLENE OXIDE] Conc * MAL Factor = 0.00003292% * 8333.3 = 0.2743

From DK (Working Environment Authority) OELs: OELs in mg/m³ and ppm available: $2 * 10000 / \text{OEL in mg/m}^3 = 2 * 10000 / 2.4 = 8333.3$

Available value in mg/m³ = 2.4

Available value in ppm = 1

Warning: ERCF of 2 used. Contact Authorities for MAL Factor.

[CYCLOHEXANE] Conc * MAL Factor = 0.000009245% * 13 = 0.0001202

MAL Factor entered against range: '0 to 100' = 13

[ETHYL ALCOHOL] Conc * MAL Factor = 0.000009245% * 7 = 0.00006471

MAL Factor entered against range: '0 to 100' = 7

[HYDROCHLORIC ACID] Conc * MAL Factor = 0.000003189% * 2900 = 0.009249

MAL Factor entered against range: '0 to 100' = 2900

[ACETALDEHYDE] Conc * MAL Factor = 0.0000002198% * 1000 = 0.0002198

MAL Factor entered against range: '0 to 100' = 1000

[FORMALDEHYDE] Conc * MAL Factor = 0.0000001101% * 2500 = 0.0002752

MAL Factor entered against range: '0 to 0.1' = 2500

[1,4-DIOXANE] Conc * MAL Factor = 0.0000001099% * 390 = 0.00004285

MAL Factor entered against range: '0 to 100' = 390

[ETHYLENE OXIDE] Conc * MAL Factor = 0.0000001099% * 11111.1 = 0.001221

From DK (Working Environment Authority) OELs: OELs in mg/m³ and ppm available: $2 * 10000 / \text{OEL in mg/m}^3 = 2 * 10000 / 1.8 = 11111.1$

Available value in mg/m³ = 1.8

Not applicable.

Available value in ppm = 1
Warning: ERCF of 2 used. Contact Authorities for MAL Factor.
[METHYL ALCOHOL] Conc * MAL Factor = 0.0000001097% * 54 = 0.000005925
MAL Factor entered against range: '0 to 100' = 54
[METHYL CHLORIDE] Conc * MAL Factor = 0.0000001097% * 476.2 = 0.00005225
From DK (Working Environment Authority) OELs: OELs in mg/m³ and ppm available: 2 * 10000 / OEL in mg/m³ = 2 * 10000 / 42 = 476.2
Available value in mg/m³ = 42
Available value in ppm = 20
Warning: ERCF of 2 used. Contact Authorities for MAL Factor.
[ETHYLBENZENE] Conc * MAL Factor = 0.000000006010% * 46 = 0.0000002765
MAL Factor entered against range: '0 to 100' = 46
[toluene] Conc * MAL Factor = 0.0000000001376% * 74 = 0.00000001019
MAL Factor entered against range: '0 to 100' = 74
[CUMENE] Conc * MAL Factor = 0.0000000001376% * 1000 = 0.0000001376
MAL Factor entered against range: '0 to 100' = 1000
Ingredients with MAL factor of 0 [did not contribute] {Denmark MAL Code}
WATER (53.67%)
MAL Factor entered against range: '0 to 100' = 0
proprietary acrylic copolymer (21.96%)
Default assumption [non-volatile] = 0
TITANIUM DIOXIDE (8.545%)
MAL Factor entered against range: '0 to 100' = 0
fine disperse copolymer of acrylic acid esters (5.624%)
Default assumption [non-volatile] = 0
2-(2-BUTOXYETHOXY)ETHANOL (1.791%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM POTASSIUM ALUMINUM SILICATE (1.205%)
MAL Factor entered against range: '0 to 100' = 0
POLYPROPYLENE GLYCOL (0.9107%)
Default assumption [non-volatile] = 0
ALUMINUM SILICATE (0.5921%)
MAL Factor entered against range: '0 to 100' = 0
POLYURETHANE RESIN (0.4154%)
MAL Factor entered against range: '0 to 100' = 0
COALESCING AID (0.4089%)
Default assumption [non-volatile] = 0
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(undecyloxy)-, branched and linear, sodium salt (0.4003%)
Default assumption [non-volatile] = 0
Alcohols, C16-18 and C18-unsatd., ethoxylated (0.3534%)
MAL Factor entered against range: '0 to 100' = 0
Diiron trioxide (0.3406%)
MAL Factor entered against range: '0 to 100' = 0
BARIUM SULFATE (0.3368%)
MAL Factor entered against range: '0 to 100' = 0
ALUMINUM HYDROXIDE (0.2621%)
MAL Factor entered against range: '0 to 100' = 0
proprietary surfactant (0.2336%)
Default assumption [non-volatile] = 0
TRIETHYLENEGLYCOL (0.2160%)
MAL Factor entered against range: '0 to 100' = 0
POLYSILOXANE MIXTURE (0.1864%)
Default assumption [non-volatile] = 0
IRON HYDROXIDE OXIDE (0.1855%)
MAL Factor entered against range: '0 to 100' = 0
POLYACRYLATE (0.1651%)
Default assumption [non-volatile] = 0
COBALT PIGMENT BLUE 28 (0.1493%)
MAL Factor entered against range: '0 to 100' = 0
Bismuth vanadate (>10 microns) (0.1482%)
Default assumption [non-volatile] = 0
ARYLIDE PIGMENT YELLOW 74 (0.1390%)
MAL Factor entered against range: '0 to 100' = 0
COPPER PHTHALOCYANINE (0.1281%)
MAL Factor entered against range: '0 to 100' = 0
DIKETO-PYRROLOPYRROL (0.1101%)
MAL Factor entered against range: '0 to 100' = 0
POLYMER, POLYFUNCTIONAL, NON-ANIONIC (0.09401%)
Default assumption [non-volatile] = 0

ZIRCONIUM OXIDE (0.08994%)
MAL Factor entered against range: '0 to 100' = 0
alkyl polyglycol ether phosphate compound (0.07011%)
MAL Factor entered against range: '0 to 100' = 0
Tripropylene glycol monomethyl ether (0.06201%)
MAL Factor entered against range: '0 to 100' = 0
3-Iodo-2-propynyl butylcarbamate (0.06159%)
MAL Factor entered against range: '0 to 100' = 0
COPPER PHTHALOCYANINE GREEN (0.06137%)
MAL Factor entered against range: '0 to 100' = 0
polyurethane resin (0.05786%)
Default assumption [non-volatile] = 0
LECITHINS (0.05585%)
MAL Factor entered against range: '0 to 100' = 0
reaction mass of mixed (3,3,4,4,5,5,6,6,7,7, 8,8,8- tridecafluorooctyl) phosphates, ammonium salt (0.05190%)
Default assumption [non-volatile] = 0
MONOAZO PIGMENT OF THE BENZIMIDAZOLONE RANGE (0.04894%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM NITRITE (0.04580%)
MAL Factor entered against range: '0 to 100' = 0
CARBON BLACK (0.04375%)
MAL Factor entered against range: '0 to 100' = 0
HYDROXYETHYL CELLULOSE (0.04089%)
MAL Factor entered against range: '0 to 100' = 0
TRIMETHYLOLPROPANE (0.04038%)
MAL Factor entered against range: '0 to 100' = 0
POLYETHYLENE-POLYPROPYLENE POLYMER (0.03927%)
MAL Factor entered against range: '0 to 100' = 0
2,9 DIMETHYL QUINACRIDONE (0.03640%)
MAL Factor entered against range: '0 to 100' = 0
Poly(oxy-1,2-ethanediyl), .alpha.-phosphono-.omega.-[2,4,6-tris(1-phenylethyl)phenoxy]- (0.03518%)
Default assumption [non-volatile] = 0
proprietary defoamer (0.03271%)
Default assumption [non-volatile] = 0
AMMONIUM BENZOATE (0.02862%)
MAL Factor entered against range: '0 to 100' = 0
ZIRCONIUM TETRAHYDROXIDE (0.02698%)
MAL Factor entered against range: '0 to 100' = 0
1,2-BENZISOTHIAZOLONE (0.02611%)
MAL Factor entered against range: '0 to 100' = 0
polyether (0.02447%)
Default assumption [non-volatile] = 0
AMORPHOUS SILICA (0.01593%)
MAL Factor entered against range: '0 to 100' = 0
proprietary additive (0.01560%)
Default assumption [non-volatile] = 0
ZINC OXIDE (0.01499%)
MAL Factor entered against range: '0 to 100' = 0
polyurethane copolymer (0.008916%)
Default assumption [non-volatile] = 0
polyethylene glycol monobutyl ether (0.008826%)
Default assumption [non-volatile] = 0
TITANIUM DIOXIDE (<10 microns) (0.007690%)
MAL Factor entered against range: '0 to 100' = 0
STRONTIUM SULFATE (0.006780%)
MAL Factor entered against range: '0 to 100' = 0
Ethanol, 2,2',2"-nitrilotris-, compd. with α -[2,4,6-tris(1-phenylethyl)phenyl]- ω -hydroxypoly(oxy-1,2-ethanediyl) phosphate (0.006118%)
Default assumption [non-volatile] = 0
pyrithione zinc (0.005496%)
MAL Factor entered against range: '0 to 100' = 0
QUARTZ (<10 microns) (0.005148%)
MAL Factor entered against range: '0 to 100' = 0
polyester copolymer (0.004374%)
Default assumption [non-volatile] = 0
TRIETHANOL AMINE (0.004221%)
MAL Factor entered against range: '0 to 100' = 0
POLYETHYLENE GLYCOL (0.004221%)
MAL Factor entered against range: '0 to 100' = 0

polycarbonic acid ammonium salt (0.003910%)
Default assumption [non-volatile] = 0
QUARTZ (>10 microns) (0.003589%)
MAL Factor entered against range: '0 to 100' = 0
modified polyether polymer (0.002860%)
Default assumption [non-volatile] = 0
proprietary inorganic salts (0.002260%)
Default assumption [non-volatile] = 0
POLYETHER SILOXANE COPOLYMER (0.002038%)
Default assumption [non-volatile] = 0
ALUMINUM OXIDE (0.001519%)
MAL Factor entered against range: '0 to 100' = 0
SILICA (0.001518%)
MAL Factor entered against range: '0 to 100' = 0
ETHOXYLATED HEXANOL (0.001126%)
Default assumption [non-volatile] = 0
ISOTHIAZOLONE SOLUTION (0.0009277%)
Default assumption [non-volatile] = 0
2-BROMO-2-NITRO-1,3-PROPANEDIOL (0.0009124%)
MAL Factor entered against range: '0 to 100' = 0
DISODIUM PHOSPHATE (0.0009039%)
MAL Factor entered against range: '0 to 100' = 0
MAGNESIUM SILICATE (0.0007066%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM HYDROGEN PHOSPHATE (NAH₂PO₄) (0.0006734%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM SULPHATE (0.0004726%)
MAL Factor entered against range: '0 to 100' = 0
CALCIUM SULFATE (0.0004665%)
MAL Factor entered against range: '0 to 100' = 0
SILICA GEL (0.0004655%)
MAL Factor entered against range: '0 to 100' = 0
polysaccharide (0.0003854%)
Default assumption [non-volatile] = 0
TETRAMETHYL DECYNE DIOL (0.0002814%)
MAL Factor entered against range: '0 to 100' = 0
DIETHYLENE GLYCOL (0.0002595%)
MAL Factor entered against range: '0 to 100' = 0
POLYOXYETHYLENE (20) STEARYL ETHER (0.0002557%)
MAL Factor entered against range: '0 to 100' = 0
ETHYLENE GLYCOL (0.0002165%)
MAL Factor entered against range: '0 to 100' = 0
Triethyleneglycol monobutylether (0.0002083%)
MAL Factor entered against range: '0 to 100' = 0
GRAPHITE (0.0001866%)
MAL Factor entered against range: '0 to 100' = 0
proprietary foam destroying polysiloxanes (0.0001820%)
Default assumption [non-volatile] = 0
Bismuth vanadate (<10 microns) (0.0001546%)
Default assumption [non-volatile] = 0
residual monomers (0.00009582%)
Default assumption [non-volatile] = 0
SILANE,DICHLORODIMETHYL-,REACTION PRODUCTS WITH SILICA (0.00009245%)
MAL Factor entered against range: '0 to 100' = 0
Oxirane, 2-phenyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether (0.00006209%)
MAL Factor entered against range: '0 to 100' = 0
polyurethane solution (0.00006118%)
Default assumption [non-volatile] = 0
Glycerides, C8-10 mono-, di-, and tri-, ethoxylated (0.00005965%)
Default assumption [non-volatile] = 0
SODIUM NITRATE (0.00005705%)
MAL Factor entered against range: '0 to 100' = 0
2-METHYL-4-ISOTHIAZOLIN-3-ONE (0.00003467%)
MAL Factor entered against range: '0 to 100' = 0
Alcohols, C16-18, ethoxylated propoxylated (0.00003304%)
MAL Factor entered against range: '0 to 100' = 0
OCTAMETHYLCYCLOTETRASILOXANE (0.00002682%)
MAL Factor entered against range: '0 to 100' = 0

Decamethylcyclopentasiloxane (0.00002682%)
MAL Factor entered against range: '0 to 100' = 0
dodecamethylcyclohexasiloxane (0.00002682%)
Default assumption [non-volatile] = 0
ZINC (0.00002294%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM CHLORIDE (0.00002161%)
MAL Factor entered against range: '0 to 100' = 0
ETHANOL;2-(2-ETHOXYETHOXY) (0.00002083%)
MAL Factor entered against range: '0 to 100' = 0
Triethylene glycol monoethyl ether (0.00002083%)
Default assumption [non-volatile] = 0
sodium hydroxide (0.000009626%)
MAL Factor entered against range: '0 to 100' = 0
2-ETHYLHEXANOIC ACID (0.000008595%)
MAL Factor entered against range: '0 to 100' = 0
2-PYRIDINETHIOL-1-OXIDE SODIUM SALT (0.000003287%)
From DK (Working Environment Authority) OELs: Product is assumed to be non-volatile, due to an OEL in mg/m³ being available, and no ppm OEL being available]

= 0

Available value in mg/m³ = 1
TIN (0.0000003616%)
From US (ACGIH) OELs: Product is assumed to be non-volatile, due to an OEL in mg/m³ being available, and no ppm OEL being available] = 0
Available value in mg/m³ = 2
organo zinc compound (0.0000001835%)
Default assumption [non-volatile] = 0
Figure-after-dash (Σ [ing conc / ing limit] ≥ 1) = 3
Figure-after-dash 3 calculated ratio: Σ [ing conc / ing limit] = 2.077000616245605
2-(2-BUTOXYETHOXY)ETHANOL: Ing conc / Ing limit = 1.791 / 10 = 0.1791
Minimum value of concentration limit associated with figure-after-dash 3 = 10
POLYPROPYLENE GLYCOL: Ing conc / Ing limit = 0.9107 / 1 = 0.9107
Minimum value of concentration limit associated with figure-after-dash 3 = 1
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Acute toxicity - Oral - Category 4 - From 'Entered data'
Entered data - [EU] [99] [Datalink]
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(undecyloxy)-, branched and linear, sodium salt: Ing conc / Ing limit = 0.4003 / 2 = 0.2001
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Serious eye damage / eye irritation - Category 1 - From 'Entered data'
Entered data - [EU] [99] [User]
Skin corrosion/irritation - Category 2 - From 'Entered data'
Entered data - [EU] [99] [User]
ammonia: Ing conc / Ing limit = 0.1673 / 5 = 0.03346
Minimum value of concentration limit associated with figure-after-dash 3 = 5
COBALT PIGMENT BLUE 28: Ing conc / Ing limit = 0.1493 / 2 = 0.07464
Minimum value of concentration limit associated with figure-after-dash 3 = 2
alkyl polyglycol ether phosphate compound: Ing conc / Ing limit = 0.07011 / 2 = 0.03506
Minimum value of concentration limit associated with figure-after-dash 3 = 2
3-iodo-2-propynyl butylcarbamate: Ing conc / Ing limit = 0.06159 / 1 = 0.06159
Minimum value of concentration limit associated with figure-after-dash 3 = 1
SODIUM NITRITE: Ing conc / Ing limit = 0.04580 / 0.1 = 0.4580
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
CARBON BLACK: Ing conc / Ing limit = 0.04375 / 10 = 0.004375
Minimum value of concentration limit associated with figure-after-dash 3 = 10
Ethanol, 2,2'-(butylimino)bis-: Ing conc / Ing limit = 0.03817 / 2 = 0.01909
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Poly(oxy-1,2-ethanediyl), .alpha.-phosphono-.omega.-[2,4,6-tris(1-phenylethyl)phenoxy]-: Ing conc / Ing limit = 0.03518 / 2 = 0.01759
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Serious eye damage / eye irritation - Category 2 - From 'Entered data'
Entered data - [EU] [99] [User]
AMMONIUM BENZOATE: Ing conc / Ing limit = 0.02862 / 1 = 0.02862
Minimum value of concentration limit associated with figure-after-dash 3 = 1
1,2-BENZISOTHAZOLONE: Ing conc / Ing limit = 0.02611 / 1 = 0.02611
Minimum value of concentration limit associated with figure-after-dash 3 = 1
AMMONIA: Ing conc / Ing limit = 0.02049 / 5 = 0.004099

Minimum value of concentration limit associated with figure-after-dash 3 = 5
DIMETHYLAMINOETHANOL: Ing conc / Ing limit = 0.02004 / 10 = 0.002004
Minimum value of concentration limit associated with figure-after-dash 3 = 10
polyethylene glycol monobutyl ether: Ing conc / Ing limit = 0.008826 / 2 = 0.004413
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Serious eye damage / eye irritation - Category 1 - From 'Entered data'
Entered data - [EU] [99] [User]
Ethanol, 2,2',2''-nitrotris-, compd. with α -[2,4,6-tris(1-phenylethyl)phenyl]- ω -hydroxypoly(oxy-1,2-ethanediyl) phosphate: Ing conc / Ing limit = 0.006118 / 2 = 0.003059
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Serious eye damage / eye irritation - Category 2 - From 'Entered data'
Entered data - [EU] [99] [User]
Skin corrosion/irritation - Category 2 - From 'Entered data'
Entered data - [EU] [99] [User]
pyrithione zinc: Ing conc / Ing limit = 0.005496 / 1 = 0.005496
Minimum value of concentration limit associated with figure-after-dash 3 = 1
2-BUTOXY ETHANOL: Ing conc / Ing limit = 0.005339 / 10 = 0.0005339
Minimum value of concentration limit associated with figure-after-dash 3 = 10
QUARTZ (<10 microns): Ing conc / Ing limit = 0.005148 / 1 = 0.005148
Minimum value of concentration limit associated with figure-after-dash 3 = 1
ETHOXYLATED HEXANOL: Ing conc / Ing limit = 0.001126 / 1 = 0.001126
Minimum value of concentration limit associated with figure-after-dash 3 = 1
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Acute toxicity - Oral - Category 4 - From 'Entered data'
Entered data - [EU] [99] [User]
2-BROMO-2-NITRO-1,3-PROPANEDIOL: Ing conc / Ing limit = 0.0009124 / 1 = 0.0009124
Minimum value of concentration limit associated with figure-after-dash 3 = 1
TETRAMETHYL DECYNE DIOL: Ing conc / Ing limit = 0.0002814 / 10 = 0.00002814
Minimum value of concentration limit associated with figure-after-dash 3 = 10
DIETHYLENE GLYCOL: Ing conc / Ing limit = 0.0002595 / 10 = 0.00002595
Minimum value of concentration limit associated with figure-after-dash 3 = 10
POLYOXYETHYLENE (20) STEARYL ETHER: Ing conc / Ing limit = 0.0002557 / 2 = 0.0001279
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Triethyleneglycol monobutylether: Ing conc / Ing limit = 0.0002083 / 2 = 0.0001042
Minimum value of concentration limit associated with figure-after-dash 3 = 2
ACETIC ACID: Ing conc / Ing limit = 0.0001917 / 10 = 0.00001917
Minimum value of concentration limit associated with figure-after-dash 3 = 10
ETHANOLAMINE: Ing conc / Ing limit = 0.00009245 / 10 = 0.000009245
Minimum value of concentration limit associated with figure-after-dash 3 = 10
Glycerides, C8-10 mono-, di-, and tri-, ethoxylated: Ing conc / Ing limit = 0.00005965 / 2 = 0.00002982
Minimum value of concentration limit associated with figure-after-dash 3 = 2
Figure-after-dash (CLP hazard) = 3
GHS Status - EU
Serious eye damage / eye irritation - Category 2 - From 'Entered data'
Entered data - [EU] [99] [User]
2-METHYL-4-ISOTHIAZOLIN-3-ONE: Ing conc / Ing limit = 0.00003467 / 0.03 = 0.001156
Minimum value of concentration limit associated with figure-after-dash 3 = 0.03
Alcohols, C16-18, ethoxylated propoxylated: Ing conc / Ing limit = 0.00003304 / 2 = 0.00001652
Minimum value of concentration limit associated with figure-after-dash 3 = 2
ETHANOL;2-(2-ETHOXYETHOXY): Ing conc / Ing limit = 0.00002083 / 10 = 0.000002083
Minimum value of concentration limit associated with figure-after-dash 3 = 10
sodium hydroxide: Ing conc / Ing limit = 0.000009626 / 0.04 = 0.0002407
Minimum value of concentration limit associated with figure-after-dash 3 = 0.04
2-ETHYLHEXANOIC ACID: Ing conc / Ing limit = 0.000008595 / 1 = 0.000008595
Minimum value of concentration limit associated with figure-after-dash 3 = 1
HYDROCHLORIC ACID: Ing conc / Ing limit = 0.000003189 / 0.4 = 0.000007973
Minimum value of concentration limit associated with figure-after-dash 3 = 0.4
ACETALDEHYDE: Ing conc / Ing limit = 0.0000002198 / 0.1 = 0.000002198
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
FORMALDEHYDE: Ing conc / Ing limit = 0.0000001101 / 0.1 = 0.000001101
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
1,4-DIOXANE: Ing conc / Ing limit = 0.0000001099 / 0.1 = 0.000001099
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
METHYL ALCOHOL: Ing conc / Ing limit = 0.0000001097 / 1 = 0.0000001097

Minimum value of concentration limit associated with figure-after-dash 3 = 1
 ETHYLBENZENE: Ing conc / Ing limit = 0.000000006010 / 10 = 0.0000000006010
 Minimum value of concentration limit associated with figure-after-dash 3 = 10
 toluene: Ing conc / Ing limit = 0.0000000001376 / 10 = 0.00000000001376
 Minimum value of concentration limit associated with figure-after-dash 3 = 10
 CUMENE: Ing conc / Ing limit = 0.0000000001376 / 1 = 0.0000000001376
 Minimum value of concentration limit associated with figure-after-dash 3 = 1
 Stricter figure-after-dash numbers that are not available because Σ [ing conc / ing limit] < 1
 Figure-after-dash 6 calculated ratio: Σ [ing conc / ing limit] = 0.4957950667601692
 reaction mass of mixed (3,3,4,4,5,5,6,6,7,7, 8,8,8- tridecafluorooctyl) phosphates, ammonium salt: Ing conc / Ing limit = 0.05190 / 0.2 = 0.2595
 Minimum value of concentration limit associated with figure-after-dash 6 = 0.2
 Figure-after-dash (CLP hazard) = 6
 GHS Status - EU
 Acute toxicity - Inhalation (overall) - Category 1
 Acute toxicity - Inhalation (dust/mist) - Category 1 - From 'Entered data'
 Entered data - [EU] [99] [User]
 SODIUM NITRITE: Ing conc / Ing limit = 0.04580 / 0.2 = 0.2290
 Minimum value of concentration limit associated with figure-after-dash 6 = 0.2
 CARBON BLACK: Ing conc / Ing limit = 0.04375 / 25 = 0.001750
 Minimum value of concentration limit associated with figure-after-dash 6 = 25
 QUARTZ (<10 microns): Ing conc / Ing limit = 0.005148 / 10 = 0.0005148
 Minimum value of concentration limit associated with figure-after-dash 6 = 10
 ISOTHIAZOLONE SOLUTION: Ing conc / Ing limit = 0.0009277 / 0.2 = 0.004638
 Minimum value of concentration limit associated with figure-after-dash 6 = 0.2
 Figure-after-dash (CLP hazard) = 6
 GHS Status - EU
 Acute toxicity - Oral - Category 3 - From 'Entered data'
 Entered data - [EU] [13] [Datalink]
 Acute toxicity - Dermal - Category 2 - From 'Entered data'
 Entered data - [EU] [13] [Datalink]
 Acute toxicity - Inhalation (overall) - Category 2
 Acute toxicity - Inhalation (vapours) - Category 2 - From 'Entered data - corrected for inhalation test type'
 Entered data corrected based on other product properties - [EU] [13] [Datalink]
 Justification of Acute Toxicity Test Type
 Vapours assumed
 2-METHYL-4-ISOTHIAZOLIN-3-ONE: Ing conc / Ing limit = 0.00003467 / 1 = 0.00003467
 Minimum value of concentration limit associated with figure-after-dash 6 = 1
 PROPYLENE OXIDE: Ing conc / Ing limit = 0.00003292 / 0.1 = 0.0003292
 Minimum value of concentration limit associated with figure-after-dash 6 = 0.1
 Figure-after-dash (CLP hazard) = 6
 GHS Status - EU
 Carcinogen - Category 1B - From 'Entered data'
 Entered data - [EU] [9] [Datalink]
 Germ cell mutagenicity - Category 1B - From 'Entered data'
 Entered data - [EU] [9] [Datalink]
 2-PYRIDINETHIOL-1-OXIDE SODIUM SALT: Ing conc / Ing limit = 0.000003287 / 0.2 = 0.00001643
 Minimum value of concentration limit associated with figure-after-dash 6 = 0.2
 Figure-after-dash (CLP hazard) = 6
 GHS Status - EU
 Acute toxicity - Dermal - Category 3 - From 'Entered data'
 Entered data - [EU] [99] [User]
 Acute toxicity - Inhalation (overall) - Category 3
 Acute toxicity - Inhalation (dust/mist) - Category 3 - From 'Entered data'
 Entered data - [EU] [99] [User]
 FORMALDEHYDE: Ing conc / Ing limit = 0.0000001101 / 1 = 0.0000001101
 Minimum value of concentration limit associated with figure-after-dash 6 = 1
 1,4-DIOXANE: Ing conc / Ing limit = 0.0000001099 / 10 = 0.00000001099
 Minimum value of concentration limit associated with figure-after-dash 6 = 10
 ETHYLENE OXIDE: Ing conc / Ing limit = 0.0000001099 / 0.1 = 0.000001099
 Minimum value of concentration limit associated with figure-after-dash 6 = 0.1
 Figure-after-dash (CLP hazard) = 6
 GHS Status - EU
 Carcinogen - Category 1B - From 'Entered data'
 Entered data - [EU] [14] [Datalink]
 Germ cell mutagenicity - Category 1B - From 'Entered data'
 Entered data - [EU] [14] [Datalink]
 Reproductive toxicity
 Calculation intermediates involved in final hazard assignment

Reproductive toxicity - Fertility - Category 1B - Effect On: Fertility - From 'Entered data'

Entered data - [EU] [14] [Datalink]

Reproductive toxicity - Unborn child - Category 2 - Effect On: UnbornChild - From 'Entered data'

Entered data - [EU] [14] [Datalink]

METHYL ALCOHOL: $\text{Ing conc} / \text{Ing limit} = 0.0000001097 / 20 = 0.000000005486$

Minimum value of concentration limit associated with figure-after-dash 6 = 20

METHYL CHLORIDE: $\text{Ing conc} / \text{Ing limit} = 0.0000001097 / 0.1 = 0.000001097$

Minimum value of concentration limit associated with figure-after-dash 6 = 0.1

Figure-after-dash (OEL Criteria - Carcinogen) = 6

DK OEL: Carcinogen CMR applicable

Figure-after-dash 4 calculated ratio: $\Sigma [\text{ing conc} / \text{ing limit}] = 0.0053830866599960571428571428$

ammonia: $\text{Ing conc} / \text{Ing limit} = 0.1673 / 35 = 0.004780$

Minimum value of concentration limit associated with figure-after-dash 4 = 35

AMMONIA: $\text{Ing conc} / \text{Ing limit} = 0.02049 / 35 = 0.0005856$

Minimum value of concentration limit associated with figure-after-dash 4 = 35

ACETIC ACID: $\text{Ing conc} / \text{Ing limit} = 0.0001917 / 25 = 0.000007669$

Minimum value of concentration limit associated with figure-after-dash 4 = 25

sodium hydroxide: $\text{Ing conc} / \text{Ing limit} = 0.000009626 / 1 = 0.000009626$

Minimum value of concentration limit associated with figure-after-dash 4 = 1

HYDROCHLORIC ACID: $\text{Ing conc} / \text{Ing limit} = 0.000003189 / 5 = 0.0000006378$

Minimum value of concentration limit associated with figure-after-dash 4 = 5