Audit - EU DK MAL Code

PPG AQUACOVER ONE 625 OFFWHITE

	Product as is	Ready-for-use mixture
MAL Code	1-3	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, respiratory protection with air supply and arm protectors/apron/coveralls/ protective clothing must be worn as appropriate or as instructed.	Not applicable.
	MAL-code: 1-3 **Application:** 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. 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. - Air-supplied half mask and coveralls must be worn. When spraying in existing* spray booths, if the operator is outside the spray zone. - Air-supplied half mask, 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. - Air-supplied half mask and eye protection 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.

Low Boiling Liquid	This product contains low-boiling point liquids. Any respiratory protective equipment should be air-fed.	Not applicable.
MAL Number	295.6	Not applicable.
Audit (Textual)	1-3 Figure-before-dash (from MAL Number) = 1 100 < MAL Number [295.6] ≤ 400 MAL Number = density * Σ[Conc(i) * MAL Factor(i)] = 1.211 * 244.1 = 295.6 Density (from Density (g/m³) data entry) = 1.211 Σ[Conc(i) * MAL Factor(i)] = 244.1 [(2-methoxymethylethoxy)propanol] Conc * MAL Factor = 0.2309% * 5 = 1.155 MAL Factor entered against range: '0 to 100' = 5 [ammonia] Conc * MAL Factor = 0.2123% * 1100 = 233.5 MAL Factor entered against range: '0.2 to 100' = 1100 [DIMETHYLAMINOETHANOL] Conc * MAL Factor = 0.028% * 280 = 7.84 MAL Factor entered against range: '0 to 100' = 280 [2-BUTOXY ETHANOL] Conc * MAL Factor = 0.005440% * 25 = 0.1360 MAL Factor entered against range: '0 to 100' = 25 [METHYL ALCOHOL] Conc * MAL Factor = 0.002100% * 54 = 0.1134 MAL Factor entered against range: '0 to 100' = 54 [1-BUTANOL] Conc * MAL Factor = 0.0018% * 67 = 0.1206 MAL Factor entered against range: '0 to 100' = 67 [Ethanol, 2,2'-(butylimino)bis-] Conc * MAL Factor = 0.0007564% * 1000 = 0.7564 MAL Factor entered against range: '0 to 100' = 1000 [ACETIC ACID] Conc * MAL Factor = 0.0001841% * 400 = 0.07365 MAL Factor entered against range: '0 to 100' = 400 [PROPYLENE GLYCOL MONOMETHYL ETHER] Conc * MAL Factor = 0.0001155% * 28 = 0.003234 MAL Factor entered against range: '0 to 100' = 28 [2-METHOXY-1-PROPANOL] Conc * MAL Factor = 0.0001040% * 267 = 0.02775 MAL Factor entered against range: '0 to 100' = 267 [ETHYL ACRYLATE] Conc * MAL Factor = 0.00003465% * 700 = 0.02426 MAL Factor entered against range: '0 to 100' = 700 [PROPYLENE OXIDE] Conc * MAL Factor = 0.0000345% * 8333.3 = 0.2875 From DK (Working Environment Authority) OELs: OELs in mg/m³ and ppm available: 2 * 10000 / OEL in mg/m³ = 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. [OCTAMETHYLCYCLOTETRASILOXANE] Conc * MAL Factor = 0.00001856% * 1000 = 0.01856 MAL Factor entered against range: '0 to 100' = 1000 [ETHANOLAMINE] Conc * MAL Factor = 0.000001584% * 500 = 0.0007920 MAL Factor entered against range: '0 to 100' = 500 [ACETALDEHYDE] Conc * MAL Factor = 0.00000023% * 1000 = 0.00023 MAL Factor entered against range: '0 to 100' = 1000 [CYCLOHEXANE] Conc * MAL Factor = 0.0000001584% * 13 = 0.000002059 MAL Factor entered against range: '0 to 100' = 13 [ETHYL ALCOHOL] Conc * MAL Factor = 0.0000001584% * 7 = 0.000001109 MAL Factor entered against range: '0 to 100' = 7 [1,4-DIOXANE] Conc * MAL Factor = 0.000000115% * 390 = 0.00004485 MAL Factor entered against range: '0 to 100' = 390 [FORMALDEHYDE] Conc * MAL Factor = 0.000000115% * 2500 = 0.0002875	Not applicable.

MAL Factor entered against range: '0 to 0.1' = 2500
[ETHYLENE OXIDE] Conc * MAL Factor = 0.000000115% * 11111.1 = 0.001278
From DK (Working Environment Authority) OELs: OELs in mg/m³ and ppm available: 2 * 10000 / OEL in mg/m³ = 2 * 10000 / 1.8 = 11111.1
Available value in mg/m³ = 1.8
Available value in ppm = 1
Warning: ERCF of 2 used. Contact Authorities for MAL Factor.
[METHYL CHLORIDE] Conc * MAL Factor = 0.000000115% * 476.2 = 0.00005476
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.
[HYDROCHLORIC ACID] Conc * MAL Factor = 0.00000005970% * 2900 = 0.0001731
MAL Factor entered against range: '0 to 100' = 2900
Ingredients with MAL factor of 0 [did not contribute] {Denmark MAL Code}
WATER (47.36%)
MAL Factor entered against range: '0 to 100' = 0
proprietary acrylic copolymer (25.00%)
Default assumption [non-volatile] = 0
TITANIUM DIOXIDE (8.835%)
MAL Factor entered against range: '0 to 100' = 0
ZINC ORTHOPHOSPHATE (5.88%)
MAL Factor entered against range: '0 to 100' = 0
Talc, non-asbestos form (5.226%)
MAL Factor entered against range: '0 to 100' = 0
2-(2-BUTOXYETHOXY)ETHANOL (1.821%)
MAL Factor entered against range: '0 to 100' = 0
POLYPROPYLENE GLYCOL (0.9545%)
Default assumption [non-volatile] = 0
ZINC OXIDE (0.7325%)
MAL Factor entered against range: '0 to 100' = 0
POLYMER, POLYFUNCTIONAL, NON-ANIONIC (0.4420%)
Default assumption [non-volatile] = 0
Alcohols, C16-18 and C18-unsatd., ethoxylated (0.3450%)
MAL Factor entered against range: '0 to 100' = 0
Oxirane, 2-[[3-(trimethoxysilyl)propoxy]methyl]-, hydrolyzed (0.308%)
Default assumption [non-volatile] = 0
Tripropylene glycol monomethyl ether (0.2916%)
MAL Factor entered against range: '0 to 100' = 0
ALUMINUM HYDROXIDE (0.2710%)
MAL Factor entered against range: '0 to 100' = 0
proprietary surfactant (0.266%)
Default assumption [non-volatile] = 0
COALESCING AID (0.2497%)
Default assumption [non-volatile] = 0
POLYURETHANE RESIN (0.222%)
MAL Factor entered against range: '0 to 100' = 0
POLYACRYLATE (0.2099%)
Default assumption [non-volatile] = 0
POLYSILOXANE MIXTURE (0.1954%)
Default assumption [non-volatile] = 0
ZIRCONIUM OXIDE (0.093%)
MAL Factor entered against range: '0 to 100' = 0
CHLORITE-GROUP MINERALS (0.07315%)
MAL Factor entered against range: '0 to 100' = 0
DOLOMITE (0.07315%)
MAL Factor entered against range: '0 to 100' = 0
MAGNESIUM CARBONATE (0.07315%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM NITRITE (0.064%)
MAL Factor entered against range: '0 to 100' = 0
QUARTZ (<10 microns) (0.05451%)
MAL Factor entered against range: '0 to 100' = 0
polyurethane resin (0.05275%)
Default assumption [non-volatile] = 0
reaction mass of mixed (3,3,4,4,5,5,6,6,7,7, 8,8,8- tridecafluorooctyl) phosphates, ammonium salt (0.0476%)
Default assumption [non-volatile] = 0
TRIMETHYLOLPROPANE (0.04176%)
MAL Factor entered against range: '0 to 100' = 0

AMMONIUM BENZOATE (0.04%)
MAL Factor entered against range: '0 to 100' = 0
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane (0.0399%)
Default assumption [non-volatile] = 0
POLYETHYLENE-POLYPROPYLENE POLYMER (0.03834%)
MAL Factor entered against range: '0 to 100' = 0
proprietary defoamer (0.03724%)
Default assumption [non-volatile] = 0
acrylic polymer (0.03473%)
Default assumption [non-volatile] = 0
1,2-BENZISOTHIAZOLONE (0.03059%)
MAL Factor entered against range: '0 to 100' = 0
ZIRCONIUM TETRAHYDROXIDE (0.0279%)
MAL Factor entered against range: '0 to 100' = 0
1,3-BENZENEDICARBOXYLIC ACID, 5-NITRO-,ZINC SALT (0.02501%)
MAL Factor entered against range: '0 to 100' = 0
ALUMINUM SILICATE (0.02006%)
MAL Factor entered against range: '0 to 100' = 0
pyrithione zinc (0.01375%)
MAL Factor entered against range: '0 to 100' = 0
polyethylene glycol monobutyl ether (0.009%)
Default assumption [non-volatile] = 0
TITANIUM DIOXIDE (<10 microns) (0.007952%)
MAL Factor entered against range: '0 to 100' = 0
TRIETHYLENEGLYCOL (0.002145%)
MAL Factor entered against range: '0 to 100' = 0
alkyl polyglycol ether phosphate compound (0.001147%)
MAL Factor entered against range: '0 to 100' = 0
LECITHINS (0.001088%)
MAL Factor entered against range: '0 to 100' = 0
CARBON BLACK (0.0008%)
MAL Factor entered against range: '0 to 100' = 0
ISOTHIAZOLONE SOLUTION (0.0007634%)
Default assumption [non-volatile] = 0
1,3-PROPANEDIOL (0.0005775%)
MAL Factor entered against range: '0 to 100' = 0
AMORPHOUS SILICA (0.0002983%)
MAL Factor entered against range: '0 to 100' = 0
DIETHYLENE GLYCOL (0.0002365%)
MAL Factor entered against range: '0 to 100' = 0
Triethyleneglycol monobutylether (0.0001899%)
MAL Factor entered against range: '0 to 100' = 0
residual monomers (0.0001218%)
Default assumption [non-volatile] = 0
QUARTZ (>10 microns) (0.0001214%)
MAL Factor entered against range: '0 to 100' = 0
PROPYLENE GLYCOL (0.0001155%)
MAL Factor entered against range: '0 to 100' = 0
polycarbonic acid ammonium salt (0.00006318%)
Default assumption [non-volatile] = 0
DODECYL SODIUM SULFATE (0.00005763%)
Default assumption [non-volatile] = 0
3-Iodo-2-propynyl butylcarbamate (0.00004795%)
MAL Factor entered against range: '0 to 100' = 0
POLYETHER SILOXANE COPOLYMER (0.00003492%)
Default assumption [non-volatile] = 0
2-METHYL-4-ISOTHIAZOLIN-3-ONE (0.00002625%)
MAL Factor entered against range: '0 to 100' = 0
LEAD OXIDE (0.000025%)
MAL Factor entered against range: '0 to 100' = 0
ETHANOL;2-(2-ETHOXYETHOXY) (0.00001899%)
MAL Factor entered against range: '0 to 100' = 0
Triethylene glycol monoethyl ether (0.00001899%)
Default assumption [non-volatile] = 0
Decamethylcyclopentasiloxane (0.00001856%)
MAL Factor entered against range: '0 to 100' = 0
dodecamethylcyclohexasiloxane (0.00001856%)
Default assumption [non-volatile] = 0

2-BROMO-2-NITRO-1,3-PROPANEDIOL (0.00000994%)
MAL Factor entered against range: '0 to 100' = 0
2-ETHYLHEXANOIC ACID (0.00000525%)
MAL Factor entered against range: '0 to 100' = 0
POLYOXYETHYLENE (20) STEARYL ETHER (0.000004381%)
MAL Factor entered against range: '0 to 100' = 0
ETHYLENE GLYCOL (0.000002149%)
MAL Factor entered against range: '0 to 100' = 0
TIN (0.0000017%)
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
SILANE,DICHLORODIMETHYL-,REACTION PRODUCTS WITH SILICA (0.000001584%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM NITRATE (0.0000007886%)
MAL Factor entered against range: '0 to 100' = 0
sodium hydroxide (0.0000005084%)
MAL Factor entered against range: '0 to 100' = 0
SODIUM CHLORIDE (0.0000002988%)
MAL Factor entered against range: '0 to 100' = 0
ALUMINUM OXIDE (0.00000008956%)
MAL Factor entered against range: '0 to 100' = 0
2-PYRIDINETHIOL-1-OXIDE SODIUM SALT (0.00000005632%)
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
Diiron trioxide (0.000000008956%)
MAL Factor entered against range: '0 to 100' = 0
SILICA (0.000000005970%)
MAL Factor entered against range: '0 to 100' = 0
Figure-after-dash (Σ [ing conc / ing limit] ≥ 1) = 3
Figure-after-dash 3 calculated ratio: Σ [ing conc / ing limit] = 1.99048934141615
2-(2-BUTOXYETHOXY)ETHANOL: Ing conc / Ing limit = 1.821 / 10 = 0.1821
Minimum value of concentration limit associated with figure-after-dash 3 = 10
POLYPROPYLENE GLYCOL: Ing conc / Ing limit = 0.9545 / 1 = 0.9545
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]
ammonia: Ing conc / Ing limit = 0.2123 / 5 = 0.04245
Minimum value of concentration limit associated with figure-after-dash 3 = 5
SODIUM NITRITE: Ing conc / Ing limit = 0.064 / 0.1 = 0.64
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
QUARTZ (<10 microns): Ing conc / Ing limit = 0.05451 / 1 = 0.05451
Minimum value of concentration limit associated with figure-after-dash 3 = 1
AMMONIUM BENZOATE: Ing conc / Ing limit = 0.04 / 1 = 0.04
Minimum value of concentration limit associated with figure-after-dash 3 = 1
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane: Ing conc / Ing limit = 0.0399 / 2 = 0.01995
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]
1,2-BENZISOTHIAZOLONE: Ing conc / Ing limit = 0.03059 / 1 = 0.03059
Minimum value of concentration limit associated with figure-after-dash 3 = 1
DIMETHYLAMINOETHANOL: Ing conc / Ing limit = 0.028 / 10 = 0.0028
Minimum value of concentration limit associated with figure-after-dash 3 = 10
pyrithione zinc: Ing conc / Ing limit = 0.01375 / 1 = 0.01375
Minimum value of concentration limit associated with figure-after-dash 3 = 1
polyethylene glycol monobutyl ether: Ing conc / Ing limit = 0.009 / 2 = 0.0045
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]
2-BUTOXY ETHANOL: Ing conc / Ing limit = 0.005440 / 10 = 0.0005440
Minimum value of concentration limit associated with figure-after-dash 3 = 10
METHYL ALCOHOL: Ing conc / Ing limit = 0.002100 / 1 = 0.002100

Minimum value of concentration limit associated with figure-after-dash 3 = 1
alkyl polyglycol ether phosphate compound: Ing conc / Ing limit = 0.001147 / 2 = 0.0005735
Minimum value of concentration limit associated with figure-after-dash 3 = 2
CARBON BLACK: Ing conc / Ing limit = 0.0008 / 10 = 0.00008
Minimum value of concentration limit associated with figure-after-dash 3 = 10
Ethanol, 2,2'-(butylimino)bis-: Ing conc / Ing limit = 0.0007564 / 2 = 0.0003782
Minimum value of concentration limit associated with figure-after-dash 3 = 2
DIETHYLENE GLYCOL: Ing conc / Ing limit = 0.0002365 / 10 = 0.00002365
Minimum value of concentration limit associated with figure-after-dash 3 = 10
Triethyleneglycol monobutylether: Ing conc / Ing limit = 0.0001899 / 2 = 0.00009495
Minimum value of concentration limit associated with figure-after-dash 3 = 2
ACETIC ACID: Ing conc / Ing limit = 0.0001841 / 10 = 0.00001841
Minimum value of concentration limit associated with figure-after-dash 3 = 10
DODECYL SODIUM SULFATE: Ing conc / Ing limit = 0.00005763 / 1 = 0.00005763
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]
Acute toxicity - Inhalation (overall) - Category 4
Acute toxicity - Inhalation (vapours) - Category 4 - From 'Entered data - corrected for inhalation test type'
Entered data corrected based on other product properties - [EU] [99] [User]
Justification of Acute Toxicity Test Type
Vapours assumed
3-Iodo-2-propynyl butylcarbamate: Ing conc / Ing limit = 0.00004795 / 1 = 0.00004795
Minimum value of concentration limit associated with figure-after-dash 3 = 1
ETHYL ACRYLATE: Ing conc / Ing limit = 0.00003465 / 0.1 = 0.0003465
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
2-METHYL-4-ISOTHIAZOLIN-3-ONE: Ing conc / Ing limit = 0.00002625 / 0.03 = 0.0008752
Minimum value of concentration limit associated with figure-after-dash 3 = 0.03
LEAD OXIDE: Ing conc / Ing limit = 0.000025 / 0.25 = 0.0001
Minimum value of concentration limit associated with figure-after-dash 3 = 0.25
ETHANOL;2-(2-ETHOXYETHOXY): Ing conc / Ing limit = 0.00001899 / 10 = 0.000001899
Minimum value of concentration limit associated with figure-after-dash 3 = 10
OCTAMETHYLCYCLOTETRASILOXANE: Ing conc / Ing limit = 0.00001856 / 1 = 0.00001856
Minimum value of concentration limit associated with figure-after-dash 3 = 1
2-BROMO-2-NITRO-1,3-PROPANEDIOL: Ing conc / Ing limit = 0.00000994 / 1 = 0.00000994
Minimum value of concentration limit associated with figure-after-dash 3 = 1
2-ETHYLHEXANOIC ACID: Ing conc / Ing limit = 0.00000525 / 1 = 0.00000525
Minimum value of concentration limit associated with figure-after-dash 3 = 1
POLYOXYETHYLENE (20) STEARYL ETHER: Ing conc / Ing limit = 0.000004381 / 2 = 0.000002191
Minimum value of concentration limit associated with figure-after-dash 3 = 2
ETHANOLAMINE: Ing conc / Ing limit = 0.000001584 / 10 = 0.0000001584
Minimum value of concentration limit associated with figure-after-dash 3 = 10
sodium hydroxide: Ing conc / Ing limit = 0.0000005084 / 0.04 = 0.00001271
Minimum value of concentration limit associated with figure-after-dash 3 = 0.04
ACETALDEHYDE: Ing conc / Ing limit = 0.00000023 / 0.1 = 0.0000023
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
1,4-DIOXANE: Ing conc / Ing limit = 0.000000115 / 0.1 = 0.00000115
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
FORMALDEHYDE: Ing conc / Ing limit = 0.000000115 / 0.1 = 0.00000115
Minimum value of concentration limit associated with figure-after-dash 3 = 0.1
HYDROCHLORIC ACID: Ing conc / Ing limit = 0.00000005970 / 0.4 = 0.0000001493
Minimum value of concentration limit associated with figure-after-dash 3 = 0.4
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] = 0.56784048309985
SODIUM NITRITE: Ing conc / Ing limit = 0.064 / 0.2 = 0.32
Minimum value of concentration limit associated with figure-after-dash 6 = 0.2
QUARTZ (<10 microns): Ing conc / Ing limit = 0.05451 / 10 = 0.005451
Minimum value of concentration limit associated with figure-after-dash 6 = 10
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 = 0.0476 / 0.2 = 0.238
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]
METHYL ALCOHOL: Ing conc / Ing limit = 0.002100 / 20 = 0.0001050

Minimum value of concentration limit associated with figure-after-dash 6 = 20
CARBON BLACK: Ing conc / Ing limit = 0.0008 / 25 = 0.000032
Minimum value of concentration limit associated with figure-after-dash 6 = 25
ISOTHIAZOLONE SOLUTION: Ing conc / Ing limit = 0.0007634 / 0.2 = 0.003817
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-METHOXY-1-PROPANOL: Ing conc / Ing limit = 0.0001040 / 2 = 0.00005198
Minimum value of concentration limit associated with figure-after-dash 6 = 2
ETHYL ACRYLATE: Ing conc / Ing limit = 0.00003465 / 5 = 0.00000693
Minimum value of concentration limit associated with figure-after-dash 6 = 5
PROPYLENE OXIDE: Ing conc / Ing limit = 0.0000345 / 0.1 = 0.000345
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-METHYL-4-ISOTHIAZOLIN-3-ONE: Ing conc / Ing limit = 0.00002625 / 1 = 0.00002625
Minimum value of concentration limit associated with figure-after-dash 6 = 1
LEAD OXIDE: Ing conc / Ing limit = 0.000025 / 10 = 0.0000025
Minimum value of concentration limit associated with figure-after-dash 6 = 10
1,4-DIOXANE: Ing conc / Ing limit = 0.000000115 / 10 = 0.0000000115
Minimum value of concentration limit associated with figure-after-dash 6 = 10
FORMALDEHYDE: Ing conc / Ing limit = 0.000000115 / 1 = 0.000000115
Minimum value of concentration limit associated with figure-after-dash 6 = 1
ETHYLENE OXIDE: Ing conc / Ing limit = 0.000000115 / 0.1 = 0.00000115
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 CHLORIDE: Ing conc / Ing limit = 0.000000115 / 0.1 = 0.00000115
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
2-PYRIDINETHIOL-1-OXIDE SODIUM SALT: Ing conc / Ing limit = 0.00000005632 / 0.2 = 0.0000002816
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]
Figure-after-dash 5 calculated ratio: Σ [ing conc / ing limit] = 0.00003465
ETHYL ACRYLATE: Ing conc / Ing limit = 0.00003465 / 1 = 0.00003465
Minimum value of concentration limit associated with figure-after-dash 5 = 1
Figure-after-dash 4 calculated ratio: Σ [ing conc / ing limit] = 0.006072742135637142857142857
ammonia: Ing conc / Ing limit = 0.2123 / 35 = 0.006065

Minimum value of concentration limit associated with figure-after-dash 4 = 35
ACETIC ACID: lng conc / lng limit = 0.0001841 / 25 = 0.000007365
Minimum value of concentration limit associated with figure-after-dash 4 = 25
sodium hydroxide: lng conc / lng limit = 0.0000005084 / 1 = 0.0000005084
Minimum value of concentration limit associated with figure-after-dash 4 = 1
HYDROCHLORIC ACID: lng conc / lng limit = 0.00000005970 / 5 = 0.00000001194
Minimum value of concentration limit associated with figure-after-dash 4 = 5