Audit - EU DK MAL Code

PPG AQUACOVER 45 NF BASE L

Denmark MAL Code

Audit - MAL Code

EU Denmark MAL Code:- 00-3

The MAL Code calculations are performed with product and component data.

Product is a Liquid

PPG AQUACOVER 45 NF BASE L - Components considered for the MAL Code calculation. {Denmark MAL Code}

WATER (46.283521446344%)
- CAS: 7732-18-5
- Density: 1
- Molecular Weight: 18.02
- Boiling Point: 100
- Vapour Pressure: 17.5
- No LBL Factor entered or estimated from CAS Number or Boiling Point.
- MAL Factor entered: 0. Limit: 0
- FAD entered: 0; Lower Limit: 0

proprietary acrylic copolymer (26.32282%)
- CAS: SUB122235
- Density: 0
- No LBL Factor entered or estimated from CAS Number or Boiling Point.
- No MAL Factor calculated.
- FAD: 1. (Default)
- FAD 1 Quotient = 26322.82

TITANIUM DIOXIDE (18.0343695773922%)
- CAS: 13463-67-7
- Density: 4.1
- Relative Density: 4.26
- Molecular Weight: 79.9
- Boiling Point: 2750
- No LBL Factor entered or estimated from CAS Number or Boiling Point.
- MAL Factor entered: 0. Limit: 0
- FAD entered: 1; Lower Limit: 0
- FAD 1 Quotient = 18034.370

2-(2-BUTOXYETHOXY)ETHANOL (1.8632053%)
- CAS: 112-34-5
- Density: 0.953
- Relative Density: 0.95
- Molecular Weight: 162.26
- Boiling Point: 226.3
- Vapour Pressure: 0.02
- No LBL Factor entered or estimated from CAS Number or Boiling Point.
- MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.186
SODIUM POTASSIUM ALUMINUM SILICATE (1.5%)
CAS: 37244-96-5
Density: 2.56
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0.1
FAD 1 Quotient = 15
POLYPROPYLENE GLYCOL (1.4525%)
CAS: 25322-69-4
Density: 0
Relative Density: 1.01
Vapour Pressure: 0.00063
No LBL Factor entered or estimated from CAS Number or Boiling Point.
R Phrases: Xn;R22
MAL Factor from Sub-Annex 2: 0
FAD: 3. (Xn)
FAD 3 Quotient = 1452.5
ALUMINUM HYDROXIDE (0.76002275%)
CAS: 21645-51-2
Density: 2.42
Molecular Weight: 78
Vapour Pressure: 0.0675
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0.1
FAD 1 Quotient = 7.600
POLYMER, POLYFUNCTIONAL, NON-ANIONIC (0.4419983%)
CAS: SUB110823
Density: 1.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 441.998
POLYURETHANE RESIN (0.394235%)
CAS: SUB100112
Density: 1.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0.1
FAD 1 Quotient = 3.942
COALESCING AID (0.3496479%)
CAS: SUB106738
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)

FAD 1 Quotient = 349.648
Alcohols, C16-18 and C18-unsatd., ethoxylated (0.34023078279291%)
CAS: 68920-66-1
Density: 1
Boiling Point: 369
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0.1
FAD 1 Quotient = 3.402
POLYSILOXANE MIXTURE (0.297362275%)
CAS: SUB100136
Density: 1.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 297.362
Tripropylene glycol monomethyl ether (0.29155%)
CAS: 25498-49-1
Density: 0.96
Molecular Weight: 206.32
Boiling Point: 242.8
Vapour Pressure: 0.01500123
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 291.55
proprietary surfactant (0.28003%)
CAS: SUB122236
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 280.03
POLYACRYLATE (0.2298666%)
CAS: SUB117312
Density: 1.09
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 229.867
Methanone, (1-hydroxycyclohexyl)phenyl- (0.2%)
CAS: 947-19-3
Density: 1.17
Boiling Point: 316.1
Vapour Pressure: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 2
BENZOPHENONE (0.1996%)
CAS: 119-61-9
Density: 1.09
Relative Density: 1.1
Molecular Weight: 182.23
Boiling Point: 305.4
Vapour Pressure: 0.003
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.100
DIPROPYLENE GLYCOL MONOMETHYL ETHER (0.11645%)
Organic Solvent.
CAS: 34590-94-8
Density: 0.95
Relative Density: 0.95
Molecular Weight: 148.23
Boiling Point: 189.6
Vapour Pressure: 0.277522755
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 5. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 116.45
TRIMETHYLOLPROPANE (0.085312925%)
CAS: 77-99-6
Density: 1.084
Molecular Weight: 134.2
Boiling Point: 304.2
Vapour Pressure: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.853
SODIUM NITRITE (0.064%)
CAS: 7632-00-0
Density: 2.2
Relative Density: 2.17
Molecular Weight: 69
Boiling Point: 320
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.32
FAD 3 Quotient = 0.64
3-Iodo-2-propynyl butylcarbamate (0.0599421590592%)
CAS: 55406-53-6
Density: 1.5

Molecular Weight: 281.11
Vapour Pressure: 0.0000063
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.060

ZIRCONIUM TETRAHYDROXIDE (0.057%)
CAS: 14475-63-9
Density: 1.5
Molecular Weight: 159.25
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.57

reaction mass of mixed (3,3,4,4,5,5,6,6,7,7, 8,8,8- tridecafluorooctyl) phosphates, ammonium salt (0.0544%)
CAS: SUB141402
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 54.4

AMMONIUM HYDROXIDE (0.04571%)
CAS: 1336-21-6
Density: 0.9
Relative Density: 0.9
Molecular Weight: 35.06
Boiling Point: 38
Vapour Pressure: 360.02925
LBLFactor = 100 (BP=38)
MAL Factor entered: 50. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 4 Quotient = 0.001
FAD 3 Quotient = 0.009

polyurethane resin (0.0425%)
CAS: SUB142197
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 42.5

AMMONIUM BENZOATE (0.04%)
CAS: 1863-63-4
Density: 1.26
Relative Density: 1.26
Molecular Weight: 139.15
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.04
proprietary defoamer (0.0392042%)
CAS: SUB122237
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 39.204
POLYETHYLENE-POLYPROPYLENE POLYMER (0.03780342031032%)
CAS: 9003-11-6
Density: 1.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.378
1,2-BENZISOTHIAZOLONE (0.0330321585497%)
CAS: 2634-33-5
Density: 1.095
Molecular Weight: 151.19
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.033
DIMETHYLAMINOETHANOL (0.028%)
Organic Solvent.
CAS: 108-01-0
Density: 0.89
Relative Density: 0.89
Molecular Weight: 89.14
Boiling Point: 134.1
Vapour Pressure: 4.59
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 280. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.003
FAD 2 Quotient = 0.014
TITANIUM DIOXIDE (<10 microns) (0.016245%)
Carcinogen.
CAS: 13463-67-7
Density: 4.1
Relative Density: 4.26
Molecular Weight: 79.9
Boiling Point: 2750
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 16.245
ZINC OXIDE (0.015%)

CAS: 1314-13-2
Density: 5.68
Relative Density: 5.61
Molecular Weight: 81.37
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 15

polyethylene glycol monobutyl ether (0.00925%)
CAS: 90736-95-1
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 9.25

2-BUTOXY ETHANOL (0.0055823%)
Organic Solvent.
CAS: 111-76-2
Density: 0.9
Relative Density: 0.9
Molecular Weight: 118.18
Boiling Point: 171.25
Vapour Pressure: 0.75006
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 25. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.001

pyrithione zinc (0.0055%)
CAS: 13463-41-7
Density: 1.76
Molecular Weight: 317.69
Boiling Point: 269.85
Vapour Pressure: 0.0000000072
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.006

1-BUTANOL (0.00185%)
Organic Solvent.
CAS: 71-36-3
Density: 0.81
Relative Density: 0.81
Molecular Weight: 74.14
Boiling Point: 119
Vapour Pressure: 6.750576
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 67. Limit: 0
FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 1.85
ISOTHIAZOLONE SOLUTION (0.00086624186471%)
CAS: 55965-84-9
Density: 0.9
Molecular Weight: 264.76
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.866
HEPTANE (0.000396%)
Organic Solvent.
CAS: 142-82-5
Density: 0.684
Relative Density: 0.68
Molecular Weight: 100.23
Boiling Point: 98.5
Vapour Pressure: 34.5028
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 12. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 0.396
DIETHYLENE GLYCOL (0.00019057%)
Organic Solvent.
CAS: 111-46-6
Density: 1.18
Relative Density: 1.12
Molecular Weight: 106.12
Boiling Point: 244.9
Vapour Pressure: 0.006
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
ACETIC ACID (0.000188232049%)
Organic Solvent.
CAS: 64-19-7
Density: 1.04
Relative Density: 1.05
Molecular Weight: 60.06
Boiling Point: 117.9
Vapour Pressure: 15.59383
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 1. Limit:
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 4 Quotient = 0.000
Triethyleneglycol monobutylether (0.000153%)
CAS: 143-22-6
Density: 0.99

Relative Density: 0.98
Molecular Weight: 206.32
Boiling Point: 278
Vapour Pressure: 0.0075
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.002
FAD 3 Quotient = 0.000
residual monomers (0.0001334%)
CAS: SUB137626
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.133
PROPYLENE OXIDE (0.0000525%)
Organic Solvent.
Carcinogen.
CAS: 75-56-9
Density: 0.83
Relative Density: 0.8
Molecular Weight: 58.09
Boiling Point: 34.23
Vapour Pressure: 538
LBLFactor = 100 (BP=34.23)
MAL Factor entered: 1. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
TRIETHYLENEGLYCOL (0.00004089609079%)
CAS: 112-27-6
Density: 1.125
Relative Density: 1.1
Molecular Weight: 150.2
Boiling Point: 286.5
Vapour Pressure: 0.00049
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
2-METHYL-4-ISOTHIAZOLIN-3-ONE (0.00003588009408%)
CAS: 2682-20-4
Density: 0.8
Molecular Weight: 115.1
Boiling Point: 94
Vapour Pressure: 0.000037503
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
FAD 3 Quotient = 0.001
OCTAMETHYLCYCLOTETRASILOXANE (0.0000280019274%)
CAS: 556-67-2
Density: 0.95
Relative Density: 0.96
Molecular Weight: 296.68
Boiling Point: 175
Vapour Pressure: 0.99008
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 1. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
Decamethylcyclopentasiloxane (0.0000280019274%)
CAS: 541-02-6
Density: 0.96
Molecular Weight: 370.85
Boiling Point: 210
Vapour Pressure: 0.25
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
dodecamethylcyclohexasiloxane (0.0000280019274%)
CAS: 540-97-6
Density: 0.98
Molecular Weight: 445.02
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.028
alkyl polyglycol ether phosphate compound (0.00002467448481%)
CAS: 164383-18-0
Density: 1.1
Boiling Point: 220
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
ETHANOL;2-(2-ETHOXYETHOXY) (0.0000153%)
CAS: 111-90-0
Density: 0.986
Relative Density: 0.99
Molecular Weight: 134.18
Boiling Point: 196
Vapour Pressure: 0.14
No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
Triethylene glycol monoethyl ether (0.0000153%)
CAS: 112-50-5
Density: 1.021
Relative Density: 1.02
Molecular Weight: 178.26
Boiling Point: 256
Vapour Pressure: 0.01
No LBL Factor entered or estimated from CAS Number or Boiling Point.
R Phrases: None
MAL Factor from Sub-Annex 2: 0
FAD: 1. (Default)
FAD 1 Quotient = 0.015
ALUMINUM SILICATE (0.00001458122715%)
CAS: 1332-58-7
Density: 2.6
Relative Density: 2.6
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
AMORPHOUS SILICA (0.00001195212918%)
CAS: 112945-52-5
Density: 1.5
Molecular Weight: 60.09
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
2-ETHYLHEXANOIC ACID (0.00000735%)
CAS: 149-57-5
Density: 0.9
Relative Density: 0.9
Molecular Weight: 144.24
Boiling Point: 227.5
Vapour Pressure: 0.03
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
SILICA (0.00000650023922%)
CAS: 7631-86-9
Density: 2
Relative Density: 2.2
Molecular Weight: 60.08
Boiling Point: 2230

No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
R Phrases: None
FAD: 1. (Default)
FAD 1 Quotient = 0.007

LECITHINS (0.00000528808926%)
CAS: 8002-43-5
Density: 1.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000

Ethanol, 2,2'-(butylimino)bis- (0.00000444885%)
CAS: 102-79-4
Density: 0.968
Relative Density: 0.99
Molecular Weight: 161.28
Boiling Point: 274
Vapour Pressure: 0.877571955
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 1. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000

BENZENE (0.000004%)
Organic Solvent.
Carcinogen.
CAS: 71-43-2
Density: 0.877
Relative Density: 0.88
Molecular Weight: 78.12
Boiling Point: 80.09
Vapour Pressure: 75.00609
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 880. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000

ZIRCONIUM OXIDE (0.00000325%)
CAS: 1314-23-4
Density: 5.85
Molecular Weight: 123.22
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000

TIN (0.0000017%)
CAS: 7440-31-5
Density: 7.2
Relative Density: 7.28

Molecular Weight: 118.69
Boiling Point: 2260
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor from OEL: 0
R Phrases: None
FAD: 1. (Default)
FAD 1 Quotient = 0.002

POLYETHER SILOXANE COPOLYMER (0.00000042488445%)
CAS: SUB117132
Density: 1.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.000

SODIUM HYDROXIDE (0.0000004019274%)
CAS: 1310-73-2
Density: 2.1
Relative Density: 2.13
Molecular Weight: 40
Boiling Point: 1390
Vapour Pressure: 0.097507995
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 4 Quotient = 0.000
FAD 3 Quotient = 0.000

ACETALDEHYDE (0.00000035%)
Organic Solvent.
Carcinogen.
CAS: 75-07-0
Density: 0
Relative Density: 0.78
Molecular Weight: 44.06
Boiling Point: 20.1
Vapour Pressure: 900.07313
LBLFactor = 100 (BP=20.1)
MAL Factor entered: 1. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000

polycarbonic acid ammonium salt (0.00000030709786%)
CAS: SUB109712
Density: 1.32
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.000

2-BROMO-2-NITRO-1,3-PROPANEDIOL (0.0000001988%)
CAS: 52-51-7

Density: 1.1
Relative Density: 1.1
Molecular Weight: 200.01
Vapour Pressure: 0.00004
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000

1,4-DIOXANE (0.000000175%)
Organic Solvent.
Carcinogen.
CAS: 123-91-1
Density: 1.03
Relative Density: 1.03
Molecular Weight: 88.12
Boiling Point: 101.15
Vapour Pressure: 30.7525
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 390. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
FAD 3 Quotient = 0.000

FORMALDEHYDE (0.000000175%)
Carcinogen.
CAS: 50-00-0
Density: 1.09
Relative Density: 0.812
Molecular Weight: 30.03
Boiling Point: 98
Vapour Pressure: 1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 2500. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
FAD 3 Quotient = 0.000

METHYL ALCOHOL (0.000000175%)
Organic Solvent.
CAS: 67-56-1
Density: 0.792
Relative Density: 0.79
Molecular Weight: 32.05
Boiling Point: 64.7
Vapour Pressure: 126.96329
LBLFactor = 100 (BP=64.7)
MAL Factor entered: 54. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
FAD 3 Quotient = 0.000

ETHYLENE OXIDE (0.000000175%)
Carcinogen.
CAS: 75-21-8
Density: 0.882
Relative Density: 0.9
Molecular Weight: 44.06
Boiling Point: 10.7
Vapour Pressure: 1314.1117
LBLFactor = 100 (BP=10.7)
MAL Factor entered: 11. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
METHYL CHLORIDE (0.000000175%)
Carcinogen.
CAS: 74-87-3
Density: 0.911
Relative Density: 0.92
Molecular Weight: 50.49
Boiling Point: -23.7
Vapour Pressure: 3671.9
LBLFactor = 100 (BP=-23.7)
MAL Factor from OEL: 476.19 ** Warning: An Evaporation Rate Correction Factor of 2 was used. Contact the Authorities for a MAL Factor.
R Phrases: F+;R12 Xn;R48/20 Carc.Cat.3;R40
FAD: 1. (Default)
FAD 1 Quotient = 0.000
QUARTZ (>10 microns) (0.0000000882819%)
Carcinogen.
CAS: 14808-60-7
Density: 0
Relative Density: 2.6
Molecular Weight: 60.09
Boiling Point: 2230
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
POLYOXYETHYLENE (20) STEARYL ETHER (0.00000005331186%)
CAS: 9005-00-9
Density: 1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
QUARTZ (<10 microns) (0.00000004414095%)
Carcinogen.
CAS: 14808-60-7
Density: 0
Relative Density: 2.6

Molecular Weight: 60.09
Boiling Point: 2230
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.000
FAD 3 Quotient = 0.000

ETHYLENE GLYCOL (0.0000000409801%)
Organic Solvent.
CAS: 107-21-1
Density: 1.11
Relative Density: 1.1
Molecular Weight: 62.07
Boiling Point: 197.4
Vapour Pressure: 0.05
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 2 Quotient = 0.000

ETHANOLAMINE (0.00000001927399%)
Organic Solvent.
CAS: 141-43-5
Density: 1.018
Relative Density: 1.02
Molecular Weight: 61.08
Boiling Point: 170.8
Vapour Pressure: 0.4
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 500. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000
FAD 2 Quotient = 0.000

SILANE,DICHLORODIMETHYL-,REACTION PRODUCTS WITH SILICA (0.00000001927399%)
CAS: 68611-44-9
Density: 2
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000

ALUMINUM OXIDE (0.00000000358833%)
CAS: 1344-28-1
Density: 3.97
Relative Density: 4
Molecular Weight: 101.96
Boiling Point: 3000
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 1 Quotient = 0.000
HYDROCHLORIC ACID (0.00000000239222%)
CAS: 7647-01-0
Density: 0.86
Boiling Point: 109.85
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 2900. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 4 Quotient = 0.000
FAD 3 Quotient = 0.000
CYCLOHEXANE (0.0000000019274%)
Organic Solvent.
CAS: 110-82-7
Density: 0.77
Relative Density: 0.8
Molecular Weight: 84.16
Boiling Point: 80.7
Vapour Pressure: 93.00791
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 13. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 0.000
ETHYL ALCOHOL (0.0000000019274%)
Organic Solvent.
CAS: 64-17-5
Density: 0.786
Relative Density: 0.8
Molecular Weight: 46.08
Boiling Point: 78.29
Vapour Pressure: 42.94865
LBLFactor = 200 (CAS=64175)
MAL Factor entered: 7. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 0.000
2-PYRIDINETHIOL-1-OXIDE SODIUM SALT (0.0000000006853%)
CAS: 3811-73-2
Density: 0
Molecular Weight: 150.16
Vapour Pressure: 0.00000034
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor from OEL: 0
R Phrases: Xn;R22 Xn;R21 Xn;R20 Xi;R38 Xi;R36 N;R50
FAD: 1. (Default)
FAD 1 Quotient = 0.000
SODIUM NITRATE (0.0000000005796%)
CAS: 7631-99-4
Density: 2.3
Molecular Weight: 84.99

Boiling Point: 380
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
Diiron trioxide (0.00000000035883%)
CAS: 1309-37-1
Density: 5.25
Relative Density: 5.18
Molecular Weight: 159.7
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
SODIUM CHLORIDE (0.0000000002196%)
CAS: 7647-14-5
Density: 2.165
Molecular Weight: 58.44
Boiling Point: 1430.85
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 1 Quotient = 0.000
Density = 1.214. Entered value.
Figure-before-the dash = 00
WATER(@46.28%). MAL Factor = 0. Total increased by 46.28*0=0. Running Total = 0
TITANIUM DIOXIDE(@18.03%). MAL Factor = 0. Total increased by 18.03*0=0. Running Total = 0
2-(2-BUTOXYETHOXY)ETHANOL(@1.86%). MAL Factor = 0. Total increased by 1.86*0=0. Running Total = 0
SODIUM POTASSIUM ALUMINUM SILICATE(@1.5%). MAL Factor = 0. Total increased by 1.5*0=0. Running Total = 0
POLYPROPYLENE GLYCOL(@1.45%). MAL Factor = 0. Total increased by 1.45*0=0.00. Running Total = 0.00
ALUMINUM HYDROXIDE(@0.76%). MAL Factor = 0. Total increased by 0.76*0=0. Running Total = 0.00
POLYURETHANE RESIN(@0.39%). MAL Factor = 0. Total increased by 0.39*0=0. Running Total = 0.00
Alcohols, C16-18 and C18-unsatd., ethoxylated(@0.34%). MAL Factor = 0. Total increased by 0.34*0=0. Running Total = 0.00
Tripropylene glycol monomethyl ether(@0.29%). MAL Factor = 0. Total increased by 0.29*0=0. Running Total = 0.00
Methanone, (1-hydroxycyclohexyl)phenyl-(@0.2%). MAL Factor = 0. Total increased by 0.2*0=0. Running Total = 0.00
BENZOPHENONE(@0.20%). MAL Factor = 0. Total increased by 0.20*0=0. Running Total = 0.00
DIPROPYLENE GLYCOL MONOMETHYL ETHER(@0.12%). MAL Factor = 5. Total increased by 0.12*5=0.58. Running Total = 0.58
TRIMETHYLOLPROPANE(@0.09%). MAL Factor = 0. Total increased by 0.09*0=0. Running Total = 0.58
SODIUM NITRITE(@0.06%). MAL Factor = 0. Total increased by 0.06*0=0. Running Total = 0.58
3-Iodo-2-propynyl butylcarbamate(@0.06%). MAL Factor = 0. Total increased by 0.06*0=0. Running Total = 0.58
ZIRCONIUM TETRAHYDROXIDE(@0.06%). MAL Factor = 0. Total increased by 0.06*0=0. Running Total = 0.58
AMMONIUM HYDROXIDE(@0.05%). MAL Factor = 50. Total increased by 0.05*50=2.29. Running Total = 2.87
AMMONIUM BENZOATE(@0.04%). MAL Factor = 0. Total increased by 0.04*0=0. Running Total = 2.87
POLYETHYLENE-POLYPROPYLENE POLYMER(@0.04%). MAL Factor = 0. Total increased by 0.04*0=0. Running Total = 2.87
1,2-BENZISOTHIAZOLONE(@0.03%). MAL Factor = 0. Total increased by 0.03*0=0. Running Total = 2.87
DIMETHYLAMINOETHANOL(@0.03%). MAL Factor = 280. Total increased by 0.03*280=7.84. Running Total = 10.71
TITANIUM DIOXIDE (<10 microns)(@0.02%). MAL Factor = 0. Total increased by 0.02*0=0. Running Total = 10.71
ZINC OXIDE(@0.02%). MAL Factor = 0. Total increased by 0.02*0=0. Running Total = 10.71

2-BUTOXY ETHANOL(@0.01%). MAL Factor = 25. Total increased by 0.01*25=0.14. Running Total = 10.85
pyrithione zinc(@0.01%). MAL Factor = 0. Total increased by 0.01*0=0. Running Total = 10.85
1-BUTANOL(@0.00%). MAL Factor = 67. Total increased by 0.00*67=0.12. Running Total = 10.97
HEPTANE(@0.00%). MAL Factor = 12. Total increased by 0.00*12=0.00. Running Total = 10.98
DIETHYLENE GLYCOL(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
ACETIC ACID(@0.00%). MAL Factor = 1. Total increased by 0.00*1=0.00. Running Total = 10.98
Triethyleneglycol monobutylether(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
PROPYLENE OXIDE(@0.00%). MAL Factor = 1. Total increased by 0.00*1=0.00. Running Total = 10.98
TRIETHYLENEGLYCOL(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
2-METHYL-4-ISOTHIAZOLIN-3-ONE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
OCTAMETHYLCYCLOTETRASILOXANE(@0.00%). MAL Factor = 1. Total increased by 0.00*1=0.00. Running Total = 10.98
Decamethylcyclopentasiloxane(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
alkyl polyglycol ether phosphate compound(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
ETHANOL;2-(2-ETHOXYETHOXY)(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
Triethylene glycol monoethyl ether(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0.00. Running Total = 10.98
ALUMINUM SILICATE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
AMORPHOUS SILICA(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
2-ETHYLHEXANOIC ACID(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
SILICA(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
LECITHINS(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
Ethanol, 2,2'-(butylimino)bis-(@0.00%). MAL Factor = 1. Total increased by 0.00*1=0.00. Running Total = 10.98
BENZENE(@0.00%). MAL Factor = 880. Total increased by 0.00*880=0.00. Running Total = 10.98
ZIRCONIUM OXIDE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
TIN(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0.00. Running Total = 10.98
SODIUM HYDROXIDE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
ACETALDEHYDE(@0.00%). MAL Factor = 1. Total increased by 0.00*1=0.00. Running Total = 10.98
2-BROMO-2-NITRO-1,3-PROPANEDIOL(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
1,4-DIOXANE(@0.00%). MAL Factor = 390. Total increased by 0.00*390=0.00. Running Total = 10.98
FORMALDEHYDE(@0.00%). MAL Factor = 2500. Total increased by 0.00*2500=0.00. Running Total = 10.98
METHYL ALCOHOL(@0.00%). MAL Factor = 54. Total increased by 0.00*54=0.00. Running Total = 10.98
ETHYLENE OXIDE(@0.00%). MAL Factor = 11. Total increased by 0.00*11=0.00. Running Total = 10.98
METHYL CHLORIDE(@0.00%). MAL Factor = 476.19. Total increased by 0.00*476.19=0.00. Running Total = 10.98
QUARTZ (>10 microns)(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
POLYOXYETHYLENE (20) STEARYL ETHER(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
QUARTZ (<10 microns)(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
ETHYLENE GLYCOL(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
ETHANOLAMINE(@0.00%). MAL Factor = 500. Total increased by 0.00*500=0.00. Running Total = 10.98
SILANE,DICHLORODIMETHYL-,REACTION PRODUCTS WITH SILICA(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
ALUMINUM OXIDE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
HYDROCHLORIC ACID(@0.00%). MAL Factor = 2900. Total increased by 0.00*2900=0.00. Running Total = 10.98
CYCLOHEXANE(@0.00%). MAL Factor = 13. Total increased by 0.00*13=0.00. Running Total = 10.98
ETHYL ALCOHOL(@0.00%). MAL Factor = 7. Total increased by 0.00*7=0.00. Running Total = 10.98
2-PYRIDINETHIOL-1-OXIDE SODIUM SALT(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0.00. Running Total = 10.98
SODIUM NITRATE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
Diiron trioxide (@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
SODIUM CHLORIDE(@0.00%). MAL Factor = 0. Total increased by 0.00*0=0. Running Total = 10.98
Figure-before-the-dash calculated as 00. Via MAL Factor Total * Density (10.98 * 1.214) giving a MAL Number of 13
MAL Number = Density (1.214) * Sum (10.98) = 13

Figure-after-the-dash = 3. Calculated from component data.
proprietary acrylic copolymer (@26.32%) Increasing Total for FAD1 by 26322.82, giving 26322.82
TITANIUM DIOXIDE (@18.03%) Increasing Total for FAD1 by 18034.3695773922, giving 44357.1895773922
2-(2-BUTOXYETHOXY)ETHANOL (@1.86%) Increasing Total for FAD3 by 0.18632053, giving 0.18632053
SODIUM POTASSIUM ALUMINUM SILICATE (@1.5%) Increasing Total for FAD1 by 15, giving 44372.1895773922
POLYPROPYLENE GLYCOL (@1.45%) Increasing Total for FAD3 by 1452.5, giving 1452.68632053
ALUMINUM HYDROXIDE (@0.76%) Increasing Total for FAD1 by 7.6002275, giving 44379.7898048922
POLYMER, POLYFUNCTIONAL, NON-ANIONIC (@0.44%) Increasing Total for FAD1 by 441.9983, giving 44821.7881048922
POLYURETHANE RESIN (@0.39%) Increasing Total for FAD1 by 3.94235, giving 44825.7304548922
COALESCING AID (@0.35%) Increasing Total for FAD1 by 349.6479, giving 45175.3783548922
Alcohols, C16-18 and C18-unsatd., ethoxylated (@0.34%) Increasing Total for FAD1 by 3.4023078279291, giving 45178.7806627201291
POLYSILOXANE MIXTURE (@0.30%) Increasing Total for FAD1 by 297.362275, giving 45476.1429377201291
Tripropylene glycol monomethyl ether (@0.29%) Increasing Total for FAD1 by 291.55, giving 45767.6929377201291
proprietary surfactant (@0.28%) Increasing Total for FAD1 by 280.03, giving 46047.7229377201291
POLYACRYLATE (@0.23%) Increasing Total for FAD1 by 229.8666, giving 46277.5895377201291
Methanone, (1-hydroxycyclohexyl)phenyl- (@0.2%) Increasing Total for FAD1 by 2, giving 46279.5895377201291
BENZOPHENONE (@0.20%) Increasing Total for FAD3 by 0.0998, giving 1452.78612053
DIPROPYLENE GLYCOL MONOMETHYL ETHER (@0.12%) Increasing Total for FAD1 by 116.45, giving 46396.0395377201291
TRIMETHYLOLPROPANE (@0.09%) Increasing Total for FAD1 by 0.85312925, giving 46396.8926669701291
SODIUM NITRITE (@0.06%) Increasing Total for FAD6 by 0.32, giving 0.32
SODIUM NITRITE (@0.06%) Increasing Total for FAD3 by 0.64, giving 1453.42612053
3-Iodo-2-propynyl butylcarbamate (@0.06%) Increasing Total for FAD3 by 0.0599421590592, giving 1453.4860626890592
ZIRCONIUM TETRAHYDROXIDE (@0.06%) Increasing Total for FAD1 by 0.57, giving 46397.4626669701291
reaction mass of mixed (3,3,4,4,5,5,6,6,7,7, 8,8,8- tridecafluorooctyl) phosphates, ammonium salt (@0.05%) Increasing Total for FAD1 by 54.4, giving 46451.8626669701291
AMMONIUM HYDROXIDE (@0.05%) Increasing Total for FAD4 by 0.001306, giving 0.001306
AMMONIUM HYDROXIDE (@0.05%) Increasing Total for FAD3 by 0.009142, giving 1453.4952046890592
polyurethane resin (@0.04%) Increasing Total for FAD1 by 42.5, giving 46494.3626669701291
AMMONIUM BENZOATE (@0.04%) Increasing Total for FAD3 by 0.04, giving 1453.5352046890592
proprietary defoamer (@0.04%) Increasing Total for FAD1 by 39.2042, giving 46533.5668669701291
POLYETHYLENE-POLYPROPYLENE POLYMER (@0.04%) Increasing Total for FAD1 by 0.3780342031032, giving 46533.9449011732323
1,2-BENZISOTHIAZOLONE (@0.03%) Increasing Total for FAD3 by 0.0330321585497, giving 1453.5682368476089
DIMETHYLAMINOETHANOL (@0.03%) Increasing Total for FAD3 by 0.0028, giving 1453.5710368476089
DIMETHYLAMINOETHANOL (@0.03%) Increasing Total for FAD2 by 0.014, giving 0.014
TITANIUM DIOXIDE (<10 microns) (@0.02%) Increasing Total for FAD1 by 16.245, giving 46550.1899011732323
ZINC OXIDE (@0.02%) Increasing Total for FAD1 by 15, giving 46565.1899011732323
polyethylene glycol monobutyl ether (@0.01%) Increasing Total for FAD1 by 9.25, giving 46574.4399011732323
2-BUTOXY ETHANOL (@0.01%) Increasing Total for FAD3 by 0.00055823, giving 1453.5715950776089
pyrithione zinc (@0.01%) Increasing Total for FAD3 by 0.0055, giving 1453.5770950776089
1-BUTANOL (@0.00%) Increasing Total for FAD1 by 1.85, giving 46576.2899011732323
ISOTHIAZOLONE SOLUTION (@0.00%) Increasing Total for FAD1 by 0.86624186471, giving 46577.1561430379423
HEPTANE (@0.00%) Increasing Total for FAD1 by 0.396, giving 46577.5521430379423
DIETHYLENE GLYCOL (@0.00%) Increasing Total for FAD3 by 0.000019057, giving 1453.5771141346089
ACETIC ACID (@0.00%) Increasing Total for FAD4 by 0.00000752928196, giving 0.00131352928196
Triethyleneglycol monobutylether (@0.00%) Increasing Total for FAD3 by 0.0000765, giving 1453.5771906346089
Triethyleneglycol monobutylether (@0.00%) Increasing Total for FAD1 by 0.00153, giving 46577.5536730379423
residual monomers (@0.00%) Increasing Total for FAD1 by 0.1334, giving 46577.6870730379423
PROPYLENE OXIDE (@0.00%) Increasing Total for FAD6 by 0.0002625, giving 0.3202625

TRIETHYLENEGLYCOL (@0.00%) Increasing Total for FAD1 by 0.0004089609079, giving 46577.6874819988502
2-METHYL-4-ISOTHIAZOLIN-3-ONE (@0.00%) Increasing Total for FAD6 by 0.00003588009408, giving 0.32029838009408
2-METHYL-4-ISOTHIAZOLIN-3-ONE (@0.00%) Increasing Total for FAD3 by 0.001196003136, giving 1453.5783866377449
OCTAMETHYLCYCLOTETRASILOXANE (@0.00%) Increasing Total for FAD3 by 0.0000280019274, giving 1453.5784146396723
Decamethylcyclopentasiloxane (@0.00%) Increasing Total for FAD1 by 0.000280019274, giving 46577.6877620181242
dodecamethylcyclohexasiloxane (@0.00%) Increasing Total for FAD1 by 0.0280019274, giving 46577.7157639455242
alkyl polyglycol ether phosphate compound (@0.00%) Increasing Total for FAD3 by 0.000012337242405, giving 1453.578426976914705
ETHANOL;2-(2-ETHOXYETHOXY) (@0.00%) Increasing Total for FAD3 by 0.00000153, giving 1453.578428506914705
Triethylene glycol monoethyl ether (@0.00%) Increasing Total for FAD1 by 0.0153, giving 46577.7310639455242
ALUMINUM SILICATE (@0.00%) Increasing Total for FAD1 by 0.0001458122715, giving 46577.7312097577957
AMORPHOUS SILICA (@0.00%) Increasing Total for FAD1 by 0.0001195212918, giving 46577.7313292790875
2-ETHYLHEXANOIC ACID (@0.00%) Increasing Total for FAD3 by 0.00000735, giving 1453.578435856914705
SILICA (@0.00%) Increasing Total for FAD1 by 0.00650023922, giving 46577.7378295183075
LECITHINS (@0.00%) Increasing Total for FAD1 by 0.0000528808926, giving 46577.7378823992001
Ethanol, 2,2'-(butylimino)bis- (@0.00%) Increasing Total for FAD3 by 0.000002224425, giving 1453.578438081339705
BENZENE (@0.00%) Increasing Total for FAD6 by 0.00004, giving 0.32033838009408
ZIRCONIUM OXIDE (@0.00%) Increasing Total for FAD1 by 0.0000325, giving 46577.7379148992001
TIN (@0.00%) Increasing Total for FAD1 by 0.0017, giving 46577.7396148992001
POLYETHER SILOXANE COPOLYMER (@0.00%) Increasing Total for FAD1 by 0.00042488445, giving 46577.7400397836501
SODIUM HYDROXIDE (@0.00%) Increasing Total for FAD4 by 0.0000004019274, giving 0.00131393120936
SODIUM HYDROXIDE (@0.00%) Increasing Total for FAD3 by 0.000010048185, giving 1453.578448129524705
ACETALDEHYDE (@0.00%) Increasing Total for FAD3 by 0.0000035, giving 1453.578451629524705
polycarbonic acid ammonium salt (@0.00%) Increasing Total for FAD1 by 0.00030709786, giving 46577.7403468815101
2-BROMO-2-NITRO-1,3-PROPANEDIOL (@0.00%) Increasing Total for FAD3 by 0.0000001988, giving 1453.578451828324705
1,4-DIOXANE (@0.00%) Increasing Total for FAD6 by 0.0000000175, giving 0.32033839759408
1,4-DIOXANE (@0.00%) Increasing Total for FAD3 by 0.00000175, giving 1453.578453578324705
FORMALDEHYDE (@0.00%) Increasing Total for FAD6 by 0.000000175, giving 0.32033857259408
FORMALDEHYDE (@0.00%) Increasing Total for FAD3 by 0.00000175, giving 1453.578455328324705
METHYL ALCOHOL (@0.00%) Increasing Total for FAD6 by 0.00000000875, giving 0.32033858134408
METHYL ALCOHOL (@0.00%) Increasing Total for FAD3 by 0.000000175, giving 1453.578455503324705
ETHYLENE OXIDE (@0.00%) Increasing Total for FAD6 by 0.000000875, giving 0.32033945634408
METHYL CHLORIDE (@0.00%) Increasing Total for FAD1 by 0.000175, giving 46577.7405218815101
QUARTZ (>10 microns) (@0.00%) Increasing Total for FAD1 by 0.000000882819, giving 46577.7405227643291
POLYOXYETHYLENE (20) STEARYL ETHER (@0.00%) Increasing Total for FAD3 by 0.00000002665593, giving 1453.578455529980635
QUARTZ (<10 microns) (@0.00%) Increasing Total for FAD6 by 0.000000004414095, giving 0.320339460758175
QUARTZ (<10 microns) (@0.00%) Increasing Total for FAD3 by 0.00000004414095, giving 1453.578455574121585
ETHYLENE GLYCOL (@0.00%) Increasing Total for FAD2 by 0.00000000409801, giving 0.01400000409801
ETHANOLAMINE (@0.00%) Increasing Total for FAD3 by 0.000000001927399, giving 1453.578455576048984
ETHANOLAMINE (@0.00%) Increasing Total for FAD2 by 0.000000009636995, giving 0.014000013735005
SILANE,DICHLORODIMETHYL-,REACTION PRODUCTS WITH SILICA (@0.00%) Increasing Total for FAD1 by 0.0000001927399, giving 46577.7405229570690
ALUMINUM OXIDE (@0.00%) Increasing Total for FAD1 by 0.0000000358833, giving 46577.7405229929523
HYDROCHLORIC ACID (@0.00%) Increasing Total for FAD4 by 0.000000000478444, giving 0.001313931687804
HYDROCHLORIC ACID (@0.00%) Increasing Total for FAD3 by 0.00000000598055, giving 1453.578455582029534
CYCLOHEXANE (@0.00%) Increasing Total for FAD1 by 0.0000019274, giving 46577.7405249203523
ETHYL ALCOHOL (@0.00%) Increasing Total for FAD1 by 0.0000019274, giving 46577.7405268477523
2-PYRIDINETHIOL-1-OXIDE SODIUM SALT (@0.00%) Increasing Total for FAD1 by 0.0000006853, giving 46577.7405275330523
SODIUM NITRATE (@0.00%) Increasing Total for FAD1 by 0.000000005796, giving 46577.7405275388483
Diiron trioxide (@0.00%) Increasing Total for FAD1 by 0.0000000035883, giving 46577.7405275424366

SODIUM CHLORIDE (@0.00%) Increasing Total for FAD1 by 0.000000002196, giving 46577.7405275446326
Figure-after-the-dash =3. Total of components with FAD=3 is >=1.
Low Boiling Liquid = False.
AMMONIUM HYDROXIDE (@0.05%) Total increased by 0.05*50/100=0.02. Running Total = 0.02
PROPYLENE OXIDE (@0.00%) Total increased by 0.00*1/100=0.00. Running Total = 0.02
ACETALDEHYDE (@0.00%) Total increased by 0.00*1/100=0.00. Running Total = 0.02
METHYL ALCOHOL (@0.00%) Total increased by 0.00*54/100=0.00. Running Total = 0.02
ETHYLENE OXIDE (@0.00%) Total increased by 0.00*11/100=0.00. Running Total = 0.02
METHYL CHLORIDE (@0.00%) Total increased by 0.00*476.19/100=0.00. Running Total = 0.02
ETHYL ALCOHOL (@0.00%) Total increased by 0.00*7/200=0.00. Running Total = 0.02
Density * (Sum of components Concentration * MALFactor/LBLFactor) = 0.03
Recommended Usage Temperature is < 40C, hence no MAL Code in use is assigned.

Audit - RFU MAL Code

EU Denmark RFU MAL Code:-
Nothing was found

New Fields for IA3.3

MAL-code : 00-3

MAL Number : 13.3302

MAL Number (RFU) : Not applicable.

Protection based on MAL : **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: 00-3
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 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.

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.

Protection based on R-F-U MAL : Not available.

Not available.

Not available.