

Audit - EU DK MAL Code

PPG VIKOTE 56 GREEN 4199

Denmark MAL Code

Audit - MAL Code

EU Denmark MAL Code:- 5-3

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

Product is a Liquid

PPG VIKOTE 56 GREEN 4199 - Components considered for the MAL Code calculation. {Denmark MAL Code}

Hydrocarbons, C9, aromatics (31.98%)

CAS: 64742-95-6

Density: 0.879

Molecular Weight: 123

Boiling Point: 172.5

Vapour Pressure: 1.5

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 58. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 319.8

ACRYLIC RESIN (28%)

CAS: 25987-66-0

Density: 1.05

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 = 280

XYLENES (15.99225%)

Organic Solvent.

CAS: 1330-20-7

Density: 0.86

Relative Density: 0.861

Molecular Weight: 106.17

Boiling Point: 136.16

Vapour Pressure: 6.7

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 46. Limit: 0

FAD entered: 3; Lower Limit: 10

FAD 3 Quotient = 1.599

FAD 1 Quotient = 79.961

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC (8.4%)

CAS: 64742-95-6

Density: 0.878

Molecular Weight: 123

Boiling Point: 172.5

Vapour Pressure: 1.500123

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 58. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 84

PARAFFIN WAXES AND HYDROCARBON WAXES; CHLORINATED (4.1%)

CAS: 63449-39-8

Density: 1.21

Relative Density: 1

Molecular Weight: 462

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 = 4100

IRON HYDROXIDE OXIDE (3.997364%)

CAS: 51274-00-1

Density: 4.26

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 = 39.974

ETHYLBENZENE (3.6530785%)

Organic Solvent.

Carcinogen.

CAS: 100-41-4

Density: 0.866

Relative Density: 0.9

Molecular Weight: 106.18

Boiling Point: 136.1

Vapour Pressure: 9.30076

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 46. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 3 Quotient = 0.365

COPPER PHTHALOCYANINE GREEN (1.39%)

CAS: 1328-53-6

Density: 2.2

Vapour Pressure: 0.000009

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 = 1390

QUATERN.AM.CPS,BIS(HYDROGEN.TALLOW ALKYL)DIMET.,BENTONITE (0.921595%)

CAS: 68953-58-2

Density: 1.7

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 = 9.216
N,N-1,6-HEXANEDIYLBIS (12-HYDROXY-OCTADECANEIMIDE) (0.4%)
CAS: 55349-01-4
Density: 1.06
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 = 4

ETHYL ALCOHOL (0.332486875%)
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 = 332.487

1-METHOXY-2-PROPYL ACETATE (0.207452578756%)
Organic Solvent.
CAS: 108-65-6
Density: 0.962
Relative Density: 0.96
Molecular Weight: 132.18
Boiling Point: 145.8
Vapour Pressure: 2.7
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 19. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 207.453

COPPER PHTALOCYANINE (0.1302892355%)
CAS: 147-14-8
Density: 1.62
Molecular Weight: 576.1
Vapour Pressure: 0.000072
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 = 0.043

acrylic copolymer (0.11007584%)
CAS: SUB110897
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 = 110.076

cyclohexanone (0.0993%)

Organic Solvent.

CAS: 108-94-1

Density: 0.946

Relative Density: 0.95

Molecular Weight: 98.14

Boiling Point: 154.3

Vapour Pressure: 3.75

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 70. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 99.3

CARBON BLACK (0.0696%)

CAS: 1333-86-4

Density: 1.8

Relative Density: 1.95

Molecular Weight: 12.01

Boiling Point: 4200

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 6 Quotient = 0.003

FAD 3 Quotient = 0.007

BLOCKED COPOLYMER (0.0675%)

CAS: SUB100054

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 1 Quotient = 0.675

BLOCK COPOLYMER (0.03199144%)

CAS: SUB101356

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 = 31.991

N-BUTYL ACETATE (0.02661308%)

Organic Solvent.

CAS: 123-86-4

Density: 0.881

Relative Density: 0.88

Molecular Weight: 116.18

Boiling Point: 126

Vapour Pressure: 11.25096

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 14. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 26.613

QUARTZ (>10 microns) (0.019%)

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 = 0.19

METHYL ALCOHOL (0.01752751896%)

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 = 0.001

FAD 3 Quotient = 0.018

QUARTZ (<10 microns) (0.0094087125%)

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 = 0.001

FAD 3 Quotient = 0.009

DIMETHYL GLUTARATE (0.00920509212%)

CAS: 1119-40-0

Density: 1.09

Molecular Weight: 160.17

Boiling Point: 216

Vapour Pressure: 0.062

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 4. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 9.205

copper phthalocyanine derivative (0.0066825%)

CAS: SUB142534

Density: 0

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 = 6.682

Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl derivs. (0.00594%)

CAS: 68411-06-3

Density: 1.6

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 2 Quotient = 0.002

N,N"-naphthalene-1,5-diylbis[N'-(3-[(2-ethylhexyl)oxy]propyl)urea] (0.004%)

CAS: 71216-01-8

Density: 0

Molecular Weight: 584.83

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)

FAD 1 Quotient = 4

[[2,2',2''-[29H,31H-phthalocyaninetriyltris(methylene)]tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N30,N31,N32]copper (0.004%)

CAS: 59160-79-1

Density: 0

Molecular Weight: 1053.49

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 = 0.001

DIMETHYL SUCCINATE (0.00315092092%)

CAS: 106-65-0

Density: 1.119

Molecular Weight: 146.16

Boiling Point: 196.2

Vapour Pressure: 0.18

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 = 3.151

[N,N,N',N',N'',N''-hexaethyl-29H,31H-phthalocyaninetrimethylaminato(2-)-N29,N30,N31,N32]copper tris(dodecylbenzenesulphonate) (0.00232%)

CAS: 75247-18-6

Density: 0

Molecular Weight: 1810.99

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 = 0.001

DIMETHYL ADIPATE (0.00136906826%)

CAS: 627-93-0

Density: 1.062

Molecular Weight: 174.22

Boiling Point: 230.9

Vapour Pressure: 0.021

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 = 0.014

METHYL METHACRYLATE (0.000982623436%)

Organic Solvent.

CAS: 80-62-6

Density: 0.94

Relative Density: 0.94

Molecular Weight: 100.13

Boiling Point: 100.36

Vapour Pressure: 27.75236

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 46. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 5 Quotient = 0.000

FAD 3 Quotient = 0.001

2-METHOXY-1-PROPYL ACETATE (0.000841146496%)

Organic Solvent.

CAS: 70657-70-4

Density: 0.97

Molecular Weight: 132.18

Boiling Point: 150.5

Vapour Pressure: 2.9

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor entered: 181. Limit: 0

FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.

FAD 6 Quotient = 0.004

ALUMINUM SILICATE (0.0007387875%)

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 = 0.007

Siloxanes and Silicones, methyl 3,3,3-trifluoropropyl (0.0006999%)

CAS: 63148-56-1

Density: 0

No LBL Factor entered or estimated from CAS Number or Boiling Point.

No MAL Factor calculated.

FAD: 1. (Default)
FAD 1 Quotient = 0.700
MANGANESE (0.00068%)
CAS: 7439-96-5
Density: 7.47
Molecular Weight: 54.94
Boiling Point: 1962
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 2 Quotient = 0.001
SILVER (0.000504%)
CAS: 7440-22-4
Density: 10.49
Relative Density: 10.5
Molecular Weight: 107.87
Boiling Point: 2212
Vapour Pressure: 0.001
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 = 0.005
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo- (0.000471557036%)
CAS: 7534-94-3
Density: 0.983
Molecular Weight: 222.33
Boiling Point: 275
Vapour Pressure: 0.009
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 5 Quotient = 0.000
FAD 3 Quotient = 0.000
N-BUTYL METHACRYLATE (0.000467036064%)
Organic Solvent.
CAS: 97-88-1
Density: 0.89
Relative Density: 0.9
Molecular Weight: 142.22
Boiling Point: 163
Vapour Pressure: 1.59014
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 16. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 5 Quotient = 0.000
CHROMIUM (0.000436%)
CAS: 7440-47-3

Density: 7.15
Relative Density: 7.14
Molecular Weight: 52
Boiling Point: 2642
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

COPPER (0.000388%)

CAS: 7440-50-8
Density: 8.78
Relative Density: 8.9
Molecular Weight: 63.55
Boiling Point: 2595
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

dodecyltrimethylammonium chloride (0.000274725%)

CAS: 112-00-5
Density: 0
Molecular Weight: 263.95
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.275

PROPYLENE GLYCOL MONOMETHYL ETHER (0.00023796296%)

Organic Solvent.
CAS: 107-98-2
Density: 0.92
Relative Density: 0.92
Molecular Weight: 90.14
Boiling Point: 120.17
Vapour Pressure: 8.5
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 28. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 0.238

ZINC (0.000236%)

CAS: 7440-66-6
Density: 7.1
Relative Density: 7.14
Molecular Weight: 65.37
Boiling Point: 908
Vapour Pressure: 0.000000075
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
NICKEL (0.000184%)
Carcinogen.
CAS: 7440-02-0
Density: 8.9
Relative Density: 8.9
Molecular Weight: 58.71
Boiling Point: 2730
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 5 Quotient = 0.002
FAD 6 Quotient = 0.000

organotin compound (0.0001485%)
CAS: SUB143296
Density: 0
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 = 0.148

TOLUENE (0.00009%)
Organic Solvent.
CAS: 108-88-3
Density: 0.87
Relative Density: 0.87
Molecular Weight: 92.14
Boiling Point: 110.6
Vapour Pressure: 23.17
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 74. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.000

MOLYBDENUM (0.00008%)
CAS: 7439-98-7
Density: 10.2
Relative Density: 10.28
Molecular Weight: 95.94
Boiling Point: 4612
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 = 0.08

WATER (0.00007457878%)
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

2-TERT-BUTYLAMINOETHYL METHACRYLATE (0.0000393128%)

CAS: 3775-90-4

Density: 0.914

Relative Density: 0.9

Molecular Weight: 185.3

Boiling Point: 215

Vapour Pressure: 0.04

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

FAD 5 Quotient = 0.000

ANTIMONY (0.000036%)

CAS: 7440-36-0

Density: 6.7

Molecular Weight: 121.75

Boiling Point: 1635

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor from OEL: 0

R Phrases: T;R25

FAD: 1. (Default)

FAD 1 Quotient = 0.036

CUMENE (0.00003%)

Organic Solvent.

CAS: 98-82-8

Density: 0.86

Relative Density: 0.9

Molecular Weight: 120.21

Boiling Point: 152

Vapour Pressure: 3.72032

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

BARIUM (0.000028%)

CAS: 7440-39-3

Density: 3.6

Relative Density: 3.6

Molecular Weight: 137.34

Boiling Point: 1640

No LBL Factor entered or estimated from CAS Number or Boiling Point.

MAL Factor from OEL: 0

R Phrases: F;R15 Xi;R38 Xi;R36 Xi;R37

FAD: 1. (Default)

FAD 1 Quotient = 0.028

1-BUTANOL (0.00002583924%)

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 = 0.026

ARSENIC (0.000024%)

Carcinogen.

CAS: 7440-38-2

Density: 5.7

Relative Density: 5.73

Molecular Weight: 74.92

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 6 Quotient = 0.000

ACETIC ACID (0.00001923353%)

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: 400. 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

COBALT (0.000012%)

Carcinogen.

CAS: 7440-48-4

Density: 8.9

Relative Density: 8.92

Molecular Weight: 58.93

Boiling Point: 2870

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
VANADIUM (0.000012%)
CAS: 7440-62-2
Density: 6.57
Relative Density: 6.11
Molecular Weight: 50.94
Boiling Point: 3000
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.012
Lead (0.000008%)
CAS: 7439-92-1
Density: 11.34
Relative Density: 11.34
Molecular Weight: 207.19
Boiling Point: 660
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
FAD 6 Quotient = 0.000
CADMIUM (0.000008%)
Carcinogen.
CAS: 7440-43-9
Density: 8.64
Relative Density: 8.64
Molecular Weight: 112.4
Boiling Point: 766.85
Vapour Pressure: 0.97507995
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
BUTYLATED HYDROXYTOLUENE (0.0000073548%)
CAS: 128-37-0
Density: 1.03
Relative Density: 1.048
Molecular Weight: 220.39
Boiling Point: 265
Vapour Pressure: 0.00825
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
ISOBUTYL METHACRYLATE (0.000004717536%)
Organic Solvent.
CAS: 97-86-9

Density: 0.88
Relative Density: 0.8858
Molecular Weight: 142.22
Boiling Point: 155
Vapour Pressure: 1.58263
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
FAD 5 Quotient = 0.000

BENZENE (0.0000045%)

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

DENATONIUM BENZOATE (0.000003325%)

CAS: 3734-33-6
Density: 0
Molecular Weight: 446.59
No LBL Factor entered or estimated from CAS Number or Boiling Point.
No MAL Factor calculated.
FAD: 1. (Default)
FAD 1 Quotient = 0.003

TIN (0.000000676742%)

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 = 0.001

POLYCHLOROBIPHENYLS (0.00000066825%)

Carcinogen.
CAS: 1336-36-3
Density: 0
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor from OEL: 0

R Phrases: R33 N;R50/53

FAD: 1. (Default)

FAD 1 Quotient = 0.001

ACETONE (0.000000525%)

Organic Solvent.

CAS: 67-64-1

Density: 0.791

Relative Density: 0.8

Molecular Weight: 58.09

Boiling Point: 56.05

Vapour Pressure: 180.01463

LBLFactor = 100 (BP=56.05)

MAL Factor entered: 23. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 0.001

N,N-Dimethyl-1-Aminododecane (0.00000037125%)

CAS: 112-18-5

Density: 0.778

Molecular Weight: 213.46

Boiling Point: 260

Vapour Pressure: 0.00017

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

4-METHOXYPHENOL (0.000000196564%)

CAS: 150-76-5

Density: 1.6

Relative Density: 1.55

Molecular Weight: 124.15

Boiling Point: 243

Vapour Pressure: 0.00675

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 5 Quotient = 0.000

OCTAMETHYLCYCLOTETRASILOXANE (0.0000001%)

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

Density = 1.005. Entered value.

Figure-before-the dash = 5

Hydrocarbons, C9, aromatics (@31.98%). MAL Factor = 58. Total increased by $31.98 \times 58 = 1854.84$. Running Total = 1854.84
ACRYLIC RESIN(@28%). MAL Factor = 0. Total increased by $28 \times 0 = 0$. Running Total = 1854.84
XYLENES(@15.99%). MAL Factor = 46. Total increased by $15.99 \times 46 = 735.64$. Running Total = 2590.48
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC(@8.4%). MAL Factor = 58. Total increased by $8.4 \times 58 = 487.2$. Running Total = 3077.68
PARAFFIN WAXES AND HYDROCARBON WAXES; CHLORINATED(@4.1%). MAL Factor = 0. Total increased by $4.1 \times 0 = 0$. Running Total = 3077.68
IRON HYDROXIDE OXIDE(@4.00%). MAL Factor = 0. Total increased by $4.00 \times 0 = 0$. Running Total = 3077.68
ETHYLBENZENE(@3.65%). MAL Factor = 46. Total increased by $3.65 \times 46 = 168.04$. Running Total = 3245.73
COPPER PHTHALOCYANINE GREEN(@1.39%). MAL Factor = 0. Total increased by $1.39 \times 0 = 0$. Running Total = 3245.73
QUATERN.AM.CPS,BIS(HYDROGEN.TALLOW ALKYL)DIMET.-,BENTONITE(@0.92%). MAL Factor = 0. Total increased by $0.92 \times 0 = 0$. Running Total = 3245.73
N,N-1,6-HEXANEDIYLBIS (12-HYDROXY-OCTADECANEIMIDE)(@0.4%). MAL Factor = 0. Total increased by $0.4 \times 0 = 0$. Running Total = 3245.73
ETHYL ALCOHOL(@0.33%). MAL Factor = 7. Total increased by $0.33 \times 7 = 2.33$. Running Total = 3248.05
1-METHOXY-2-PROPYL ACETATE(@0.21%). MAL Factor = 19. Total increased by $0.21 \times 19 = 3.94$. Running Total = 3251.99
COPPER PHTHALOCYANINE(@0.13%). MAL Factor = 0. Total increased by $0.13 \times 0 = 0$. Running Total = 3251.99
cyclohexanone(@0.10%). MAL Factor = 70. Total increased by $0.10 \times 70 = 6.95$. Running Total = 3258.95
CARBON BLACK(@0.07%). MAL Factor = 0. Total increased by $0.07 \times 0 = 0$. Running Total = 3258.95
BLOCKED COPOLYMER(@0.07%). MAL Factor = 0. Total increased by $0.07 \times 0 = 0$. Running Total = 3258.95
N-BUTYL ACETATE(@0.03%). MAL Factor = 14. Total increased by $0.03 \times 14 = 0.37$. Running Total = 3259.32
QUARTZ (>10 microns)(@0.02%). MAL Factor = 0. Total increased by $0.02 \times 0 = 0$. Running Total = 3259.32
METHYL ALCOHOL(@0.02%). MAL Factor = 54. Total increased by $0.02 \times 54 = 0.95$. Running Total = 3260.26
QUARTZ (<10 microns)(@0.01%). MAL Factor = 0. Total increased by $0.01 \times 0 = 0$. Running Total = 3260.26
DIMETHYL GLUTARATE(@0.01%). MAL Factor = 4. Total increased by $0.01 \times 4 = 0.04$. Running Total = 3260.30
copper phthalocyanine derivative(@0.01%). MAL Factor = 0. Total increased by $0.01 \times 0 = 0.00$. Running Total = 3260.30
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl derivs.(@0.01%). MAL Factor = 0. Total increased by $0.01 \times 0 = 0$. Running Total = 3260.30
[[2,2',2''-[29H,31H-phthalocyaninetriyltris(methylene)]tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N30,N31,N32]copper(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.30
DIMETHYL SUCCINATE(@0.00%). MAL Factor = 5. Total increased by $0.00 \times 5 = 0.02$. Running Total = 3260.32
[N,N,N',N',N'',N''-hexaethyl-29H,31H-phthalocyaninetrimethylaminato(2-)-N29,N30,N31,N32]copper tris(dodecylbenzenesulphonate)(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.32
DIMETHYL ADIPATE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.32
METHYL METHACRYLATE(@0.00%). MAL Factor = 46. Total increased by $0.00 \times 46 = 0.05$. Running Total = 3260.36
2-METHOXY-1-PROPYL ACETATE(@0.00%). MAL Factor = 181. Total increased by $0.00 \times 181 = 0.15$. Running Total = 3260.51
ALUMINUM SILICATE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.51
MANGANESE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.51
SILVER(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.51
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo-(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.51
N-BUTYL METHACRYLATE(@0.00%). MAL Factor = 16. Total increased by $0.00 \times 16 = 0.01$. Running Total = 3260.52
CHROMIUM(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.52
COPPER(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.52
PROPYLENE GLYCOL MONOMETHYL ETHER(@0.00%). MAL Factor = 28. Total increased by $0.00 \times 28 = 0.01$. Running Total = 3260.53
ZINC(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.53
NICKEL(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.53
organotin compound(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.53
TOLUENE(@0.00%). MAL Factor = 74. Total increased by $0.00 \times 74 = 0.01$. Running Total = 3260.54
MOLYBDENUM(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
WATER(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.54
2-TERT-BUTYLAMINOETHYL METHACRYLATE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 3260.54

ANTIMONY(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
CUMENE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 3260.54
BARIUM(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
1-BUTANOL(@0.00%). MAL Factor = 67. Total increased by $0.00 \times 67 = 0.00$. Running Total = 3260.54
ARSENIC(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
ACETIC ACID(@0.00%). MAL Factor = 400. Total increased by $0.00 \times 400 = 0.01$. Running Total = 3260.54
COBALT(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
Lead(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
CADMIUM(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
BUTYLATED HYDROXYTOLUENE(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.54
ISOBUTYL METHACRYLATE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 3260.54
BENZENE(@0.00%). MAL Factor = 880. Total increased by $0.00 \times 880 = 0.00$. Running Total = 3260.55
TIN(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.55
POLYCHLOROBIPHENYLS(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.55
ACETONE(@0.00%). MAL Factor = 23. Total increased by $0.00 \times 23 = 0.00$. Running Total = 3260.55
N,N-Dimethyl-1-Aminododecane(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.55
4-METHOXYPHENOL(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 3260.55
OCTAMETHYLCYCLOTETRASILOXANE(@0.00%). MAL Factor = 1. Total increased by $0.00 \times 1 = 0.00$. Running Total = 3260.55
Figure-before-the-dash calculated as 5. Via MAL Factor Total * Density (3260.55×1.005) giving a MAL Number of 3277
MAL Number = Density (1.005) * Sum (3260.55) = 3277

Figure-after-the-dash = 3. Calculated from component data.

Hydrocarbons, C9, aromatics (@31.98%) Increasing Total for FAD1 by 319.8, giving 319.8
ACRYLIC RESIN (@28%) Increasing Total for FAD1 by 280, giving 599.8
XYLENES (@15.99%) Increasing Total for FAD3 by 1.599225, giving 1.599225
XYLENES (@15.99%) Increasing Total for FAD1 by 79.96125, giving 679.76125
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC (@8.4%) Increasing Total for FAD1 by 84, giving 763.76125
PARAFFIN WAXES AND HYDROCARBON WAXES; CHLORINATED (@4.1%) Increasing Total for FAD1 by 4100, giving 4863.76125
IRON HYDROXIDE OXIDE (@4.00%) Increasing Total for FAD1 by 39.97364, giving 4903.73489
ETHYLBENZENE (@3.65%) Increasing Total for FAD3 by 0.36530785, giving 1.96453285
COPPER PHTHALOCYANINE GREEN (@1.39%) Increasing Total for FAD1 by 1390, giving 6293.73489
QUATERN.AM.CPS,BIS(HYDROGEN.TALLOW ALKYL)DIMET.-,BENTONITE (@0.92%) Increasing Total for FAD1 by 9.21595, giving 6302.95084
N,N-1,6-HEXANEDIYLBIS (12-HYDROXY-OCTADECANEIMIDE) (@0.4%) Increasing Total for FAD1 by 4, giving 6306.95084
ETHYL ALCOHOL (@0.33%) Increasing Total for FAD1 by 332.486875, giving 6639.437715
1-METHOXY-2-PROPYL ACETATE (@0.21%) Increasing Total for FAD1 by 207.452578756, giving 6846.890293756
COPPER PHTALOCYANINE (@0.13%) Increasing Total for FAD2 by 0.043429745166666666666666666667, giving 0.043429745166666666666666666667
acrylic copolymer (@0.11%) Increasing Total for FAD1 by 110.07584, giving 6956.966133756
cyclohexanone (@0.10%) Increasing Total for FAD1 by 99.3, giving 7056.266133756
CARBON BLACK (@0.07%) Increasing Total for FAD6 by 0.002784, giving 0.002784
CARBON BLACK (@0.07%) Increasing Total for FAD3 by 0.00696, giving 1.97149285
BLOCKED COPOLYMER (@0.07%) Increasing Total for FAD1 by 0.675, giving 7056.941133756
BLOCK COPOLYMER (@0.03%) Increasing Total for FAD1 by 31.99144, giving 7088.932573756
N-BUTYL ACETATE (@0.03%) Increasing Total for FAD1 by 26.61308, giving 7115.545653756
QUARTZ (>10 microns) (@0.02%) Increasing Total for FAD1 by 0.19, giving 7115.735653756
METHYL ALCOHOL (@0.02%) Increasing Total for FAD6 by 0.000876375948, giving 0.003660375948
METHYL ALCOHOL (@0.02%) Increasing Total for FAD3 by 0.01752751896, giving 1.98902036896
QUARTZ (<10 microns) (@0.01%) Increasing Total for FAD6 by 0.00094087125, giving 0.004601247198
QUARTZ (<10 microns) (@0.01%) Increasing Total for FAD3 by 0.0094087125, giving 1.99842908146
DIMETHYL GLUTARATE (@0.01%) Increasing Total for FAD1 by 9.20509212, giving 7124.940745876

copper phthalocyanine derivative (@0.01%) Increasing Total for FAD1 by 6.6825, giving 7131.623245876
Copper, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl derivs. (@0.01%) Increasing Total for FAD2 by 0.00198, giving 0.0454097451666666666666666667
N,N"-naphthalene-1,5-diylbis[N'-(3-[(2-ethylhexyl)oxy]propyl)urea] (@0.00%) Increasing Total for FAD1 by 4, giving 7135.623245876
[[2,2',2''-[29H,31H-phthalocyaninetriyltris(methylene)]tris[1H-isoindole-1,3(2H)-dionato]](2-)-N29,N30,N31,N32]copper (@0.00%) Increasing Total for FAD2 by 0.00133333333333333333333333333333, giving 0.0467430785000000000000000000
DIMETHYL SUCCINATE (@0.00%) Increasing Total for FAD1 by 3.15092092, giving 7138.774166796
[N,N,N',N',N'',N''-hexaethyl-29H,31H-phthalocyaninetrimethylaminato(2-)-N29,N30,N31,N32]copper tris(dodecylbenzenesulphonate) (@0.00%) Increasing Total for FAD2 by 0.00077333333333333333333333333333, giving 0.047516411833333333333333333333
DIMETHYL ADIPATE (@0.00%) Increasing Total for FAD1 by 0.0136906826, giving 7138.7878574786
METHYL METHACRYLATE (@0.000982623436%) Increasing Total for FAD5 by 0.0001965246872, giving 0.0001965246872
METHYL METHACRYLATE (@0.00%) Increasing Total for FAD3 by 0.000982623436, giving 1.999411704896
2-METHOXY-1-PROPYL ACETATE (@0.00%) Increasing Total for FAD6 by 0.00420573248, giving 0.008806979678
ALUMINUM SILICATE (@0.00%) Increasing Total for FAD1 by 0.007387875, giving 7138.7952453536
Siloxanes and Silicones, methyl 3,3,3-trifluoropropyl (@0.00%) Increasing Total for FAD1 by 0.6999, giving 7139.4951453536
MANGANESE (@0.00%) Increasing Total for FAD2 by 0.00068, giving 0.048196411833333333333333333333
SILVER (@0.00%) Increasing Total for FAD1 by 0.00504, giving 7139.5001853536
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo- (@0.000471557036%) Increasing Total for FAD5 by 0.0000943114072, giving 0.0002908360944
2-Propenoic acid, 2-methyl-, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo- (@0.00%) Increasing Total for FAD3 by 0.000471557036, giving 1.999883261932
N-BUTYL METHACRYLATE (@0.000467036064%) Increasing Total for FAD5 by 0.000467036064, giving 0.0007578721584
CHROMIUM (@0.00%) Increasing Total for FAD3 by 0.0000436, giving 1.999926861932
COPPER (@0.00%) Increasing Total for FAD2 by 0.0001293333333333333333333333333333, giving 0.048325745166666666666666666666
dodecyltrimethylammonium chloride (@0.00%) Increasing Total for FAD1 by 0.274725, giving 7139.7749103536
PROPYLENE GLYCOL MONOMETHYL ETHER (@0.00%) Increasing Total for FAD1 by 0.23796296, giving 7140.0128733136
ZINC (@0.00%) Increasing Total for FAD1 by 0.00236, giving 7140.0152333136
NICKEL (@0.00%) Increasing Total for FAD6 by 0.0000368, giving 0.008843779678
NICKEL (@0.000184%) Increasing Total for FAD5 by 0.00184, giving 0.0025978721584
organotin compound (@0.00%) Increasing Total for FAD1 by 0.1485, giving 7140.1637333136
TOLUENE (@0.00%) Increasing Total for FAD3 by 0.000009, giving 1.999935861932
MOLYBDENUM (@0.00%) Increasing Total for FAD1 by 0.08, giving 7140.2437333136
2-TERT-BUTYLAMINOETHYL METHACRYLATE (@0.0000393128%) Increasing Total for FAD5 by 0.00000786256, giving 0.0026057347184
2-TERT-BUTYLAMINOETHYL METHACRYLATE (@0.00%) Increasing Total for FAD3 by 0.0000393128, giving 1.999975174732
ANTIMONY (@0.00%) Increasing Total for FAD1 by 0.036, giving 7140.2797333136
CUMENE (@0.00%) Increasing Total for FAD3 by 0.00003, giving 2.000005174732
BARIUM (@0.00%) Increasing Total for FAD1 by 0.028, giving 7140.3077333136
1-BUTANOL (@0.00%) Increasing Total for FAD1 by 0.02583924, giving 7140.3335725536
ARSENIC (@0.00%) Increasing Total for FAD6 by 0.00012, giving 0.008963779678
ACETIC ACID (@0.00%) Increasing Total for FAD4 by 0.0000007693412, giving 0.0000007693412
ACETIC ACID (@0.00%) Increasing Total for FAD3 by 0.000001923353, giving 2.000007098085
COBALT (@0.00%) Increasing Total for FAD6 by 0.00012, giving 0.009083779678
VANADIUM (@0.00%) Increasing Total for FAD1 by 0.012, giving 7140.3455725536
Lead (@0.00%) Increasing Total for FAD6 by 0.0000008, giving 0.009084579678
Lead (@0.00%) Increasing Total for FAD3 by 0.000032, giving 2.000039098085
CADMIUM (@0.00%) Increasing Total for FAD6 by 0.00008, giving 0.009164579678
BUTYLATED HYDROXYTOLUENE (@0.00%) Increasing Total for FAD3 by 0.00000073548, giving 2.000039833565
ISOBUTYL METHACRYLATE (@0.000004717536%) Increasing Total for FAD5 by 0.0000009435072, giving 0.0026066782256
ISOBUTYL METHACRYLATE (@0.00%) Increasing Total for FAD3 by 0.000004717536, giving 2.000044551101

BENZENE (@0.00%) Increasing Total for FAD6 by 0.000045, giving 0.009209579678
DENATONIUM BENZOATE (@0.00%) Increasing Total for FAD1 by 0.003325, giving 7140.3488975536
TIN (@0.00%) Increasing Total for FAD1 by 0.000676742, giving 7140.3495742956
POLYCHLOROBIPHENYLS (@0.00%) Increasing Total for FAD1 by 0.00066825, giving 7140.3502425456
ACETONE (@0.00%) Increasing Total for FAD1 by 0.000525, giving 7140.3507675456
N,N-Dimethyl-1-Aminododecane (@0.00%) Increasing Total for FAD4 by 0.00000037125, giving 0.0000011405912
4-METHOXYPHENOL (@0.00000196564%) Increasing Total for FAD5 by 0.000000196564, giving 0.0026068747896
OCTAMETHYLCYCLOTETRAILOXANE (@0.00%) Increasing Total for FAD3 by 0.0000001, giving 2.000044651101
Figure-after-the-dash =3. Total of components with FAD=3 is >=1.

Low Boiling Liquid = False.

ETHYL ALCOHOL (@0.33%) Total increased by $0.33 \times 7/200 = 0.01$. Running Total = 0.01

METHYL ALCOHOL (@0.02%) Total increased by $0.02 \times 54/100 = 0.01$. Running Total = 0.02

ACETONE (@0.00%) Total increased by $0.00 \times 23/100 = 0.00$. Running Total = 0.02

Density * (Sum of components Concentration * MALFactor/LBLFactor) = 0.02

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 : 5-3

MAL Number : 3276.85

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: 5-3

Application: When spraying in new* booths if the operator is outside the spray zone. 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. When using scraper or knife, brush, roller, etc. for pre- and post-treatments outside a closed facility, spray booth or spray cabin.

- Air-supplied full mask must be worn.

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. 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 full mask and coveralls must be worn.

When spraying in existing* spray booths, if the operator is outside the spray zone.

- Air-supplied full mask, 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.