

Audit - EU DK MAL Code

SIGMADUR ONE BASE Z

Denmark MAL Code

Audit - MAL Code

EU Denmark MAL Code:- 2-1

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

Product is a Liquid

SIGMADUR ONE BASE Z - Components considered for the MAL Code calculation. {Denmark MAL Code}

ALKYD RESIN, SOYA OIL MODIFIED (29.185%)

CAS: SUB110702

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 = 29185

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (21.5782%)

CAS: 64742-48-9

Density: 0.78

Molecular Weight: 143

Boiling Point: 173.5

Vapour Pressure: 2.25

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 = 21578.2

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (15.65%)

CAS: 64742-82-1

Density: 0.775

Boiling Point: 175.5

Vapour Pressure: 1.7

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

MAL Factor entered: 14. Limit: 0

FAD entered: 1; Lower Limit: 0.1

FAD 1 Quotient = 156.5

polyurethane alkyd resin (10.701%)

CAS: SUB110800

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 = 10701

HYDROCARBON POLYMER (7.722%)

CAS: 9011-11-4

Density: 1.03
Molecular Weight: 222.33
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 = 77.22

ALUMINUM SILICATE (5.879982%)

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: 0.1
FAD 1 Quotient = 58.800

Talc, non-asbestos form (1.9202%)

CAS: 14807-96-6
Density: 2.7
Relative Density: 2.7
Molecular Weight: 96.33
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 = 19.202

PROPYLENE GLYCOL MONOMETHYL ETHER (1.8826318%)

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 = 1882.632

ZIRCONIUM 2-ETHYLHEXANOATE (1.336888%)

CAS: 22464-99-9
Density: 1.399
Molecular Weight: 234.43
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 = 13.369

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (0.951768%)

CAS: 64742-48-9
Density: 0.79
Molecular Weight: 143
Boiling Point: 200

Vapour Pressure: 0.375

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 = 951.768

QUATERN.AM.CPS,BIS(HYDROGEN.TALLOW ALKYL)DIMET.,BENTONITE (0.87309%)

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 = 8.731

2,2 ;6;6 -TETRAMETHYL-PIPERIDINE DERIVATIVE (0.6%)

CAS: 129757-67-1

Density: 0.97

Boiling Point: 367

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 = 6

ETHYL ALCOHOL (0.31325%)

Organic Solvent.

CAS: 64-17-5

Density: 0.786

Relative Density: 0.8

Molecular Weight: 46.08

Boiling Point: 78.29

Vapour Pressure: 42.95

LB�Factor = 200 (CAS=64175)

MAL Factor entered: 7. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 313.25

2-ETHYL-HEXANOIC ACID;CALCIUM SALT (0.2255%)

CAS: 136-51-6

Density: 1.071

Molecular Weight: 326.49

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 = 2.255

METHYL ETHYL KETOXIME (0.216986%)

Organic Solvent.

Carcinogen.

CAS: 96-29-7

Density: 0.924

Relative Density: 0.9

Molecular Weight: 87.14

Boiling Point: 152.5

Vapour Pressure: 3.5

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

MAL Factor entered: 79. Limit: 0

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

FAD 3 Quotient = 0.072

LECITHINS (0.2%)

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: 0.1

FAD 1 Quotient = 2

COBALT NEODECANOATE (0.19712%)

Carcinogen.

CAS: 27253-31-2

Density: 1

Molecular Weight: 401

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 = 0.099

zirconium propionate (0.11%)

CAS: 84057-80-7

Density: 1.968

Molecular Weight: 253.4

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 = 0.055

QUARTZ (>10 microns) (0.0786%)

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 = 0.786

ALPHA-METHYLSTYRENE / ISOPROPENYLBENZENE (0.078%)

Organic Solvent.

CAS: 98-83-9

Density: 0.91

Relative Density: 0.91

Molecular Weight: 118.19

Boiling Point: 165

Vapour Pressure: 1.9

No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 58. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 3 Quotient = 0.008

QUARTZ (<10 microns) (0.06831%)

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 = 0.007
FAD 3 Quotient = 0.068

DIPROPYLENE GLYCOL MONOMETHYL ETHER (0.056408%)

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 = 56.408

2-ETHYLHEXANOIC ACID (0.0495%)

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 = 0.050

CHLORITE-GROUP MINERALS (0.0266%)

CAS: 1318-59-8
Density: 2.8
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 = 0.266

DOLOMITE (0.0266%)

CAS: 16389-88-1

Density: 2.85
Molecular Weight: 188.43
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 = 0.266

MAGNESIUM CARBONATE (0.0266%)

CAS: 546-93-0
Density: 2.04
Relative Density: 2.95
Molecular Weight: 84.32
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 = 0.266

WATER (0.0156615%)

CAS: 7732-18-5
Density: 1
Molecular Weight: 18.02
Boiling Point: 100
Vapour Pressure: 23.8
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 0. Limit: 0
FAD entered: 0; Lower Limit: 0

BUTANONE / ETHYL METHYL KETONE (0.01515%)

Organic Solvent.
CAS: 78-93-3
Density: 0.805
Relative Density: 0.8
Molecular Weight: 72.12
Boiling Point: 79.59
Vapour Pressure: 78.76
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 48. Limit: 0
FAD entered: 1; Lower Limit: 0
FAD 1 Quotient = 15.15

2-METHOXY-1-PROPANOL (0.0075432%)

Organic Solvent.
CAS: 1589-47-5
Density: 0.938
Molecular Weight: 90.14
Boiling Point: 130
Vapour Pressure: 4.1
No LBL Factor entered or estimated from CAS Number or Boiling Point.
MAL Factor entered: 267. Limit: 0
FAD entered: 1; Lower Limit: No limit specified. A very low value will be used.
FAD 6 Quotient = 0.004

ISOPROPYL ALCOHOL (0.0042%)

Organic Solvent.

CAS: 67-63-0

Density: 0.785

Relative Density: 0.79

Molecular Weight: 60.11

Boiling Point: 83

Vapour Pressure: 33

LBLFactor = 200 (CAS=67630)

MAL Factor entered: 29. Limit: 0

FAD entered: 1; Lower Limit: 0

FAD 1 Quotient = 4.2

2-BUTOXY ETHANOL (0.002816%)

Organic Solvent.

CAS: 111-76-2

Density: 0.9

Relative Density: 0.9

Molecular Weight: 118.18

Boiling Point: 171.25

Vapour Pressure: 0.75

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 = 0.000

BUTYRIC ACID (0.00022%)

CAS: 107-92-6

Density: 0.957

Relative Density: 0.96

Molecular Weight: 88.11

Boiling Point: 164

Vapour Pressure: 0.75

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

MAL Factor entered: 2. Limit: 0

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

FAD 4 Quotient = 0.000

2-BUTANOL (0.000154%)

Organic Solvent.

CAS: 78-92-2

Density: 0.806

Relative Density: 0.81

Molecular Weight: 74.14

Boiling Point: 99.5

Vapour Pressure: 12.75

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 = 0.154

ARSENIC (0.000012%)

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

BARIUM (0.000006%)

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 = 0.006

DENATONIUM BENZOATE (0.0000035%)

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 = 0.004

Density = 0.982. Entered value.

Figure-before-the dash = 2

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics(@21.58%). MAL Factor = 12. Total increased by $21.58 \times 12 = 258.94$. Running Total = 258.94

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (@15.65%). MAL Factor = 14. Total increased by $15.65 \times 14 = 219.1$. Running Total = 478.04

HYDROCARBON POLYMER(@7.72%). MAL Factor = 0. Total increased by $7.72 \times 0 = 0$. Running Total = 478.04

ALUMINUM SILICATE(@5.88%). MAL Factor = 0. Total increased by $5.88 \times 0 = 0$. Running Total = 478.04

Talc, non-asbestos form(@1.92%). MAL Factor = 0. Total increased by $1.92 \times 0 = 0$. Running Total = 478.04

PROPYLENE GLYCOL MONOMETHYL ETHER(@1.88%). MAL Factor = 28. Total increased by $1.88 \times 28 = 52.71$. Running Total = 530.75

ZIRCONIUM 2-ETHYLHEXANOATE(@1.34%). MAL Factor = 0. Total increased by $1.34 \times 0 = 0$. Running Total = 530.75

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (@0.95%). MAL Factor = 12. Total increased by $0.95 \times 12 = 11.42$. Running Total = 542.17

QUATERN.AM.CPS,BIS(HYDROGEN.TALLOW ALKYL)DIMET.-,BENTONITE(@0.87%). MAL Factor = 0. Total increased by $0.87 \times 0 = 0$. Running Total = 542.17

2;2 ;6;6 -TETRAMETHYL-PIPERIDINE DERIVATIVE(@0.6%). MAL Factor = 0. Total increased by $0.6 \times 0 = 0$. Running Total = 542.17

ETHYL ALCOHOL(@0.31%). MAL Factor = 7. Total increased by $0.31 \times 7 = 2.19$. Running Total = 544.37

2-ETHYL-HEXANOIC ACID;CALCIUM SALT(@0.23%). MAL Factor = 0. Total increased by $0.23 \times 0 = 0$. Running Total = 544.37

METHYL ETHYL KETOXIME(@0.22%). MAL Factor = 79. Total increased by $0.22 \times 79 = 17.14$. Running Total = 561.51

LECITHINS(@0.2%). MAL Factor = 0. Total increased by $0.2 \times 0 = 0$. Running Total = 561.51

COBALT NEODECANOATE(@0.20%). MAL Factor = 0. Total increased by $0.20 \times 0 = 0$. Running Total = 561.51

zirconium propionate(@0.11%). MAL Factor = 0. Total increased by $0.11 \times 0 = 0$. Running Total = 561.51

QUARTZ (>10 microns)(@0.08%). MAL Factor = 0. Total increased by $0.08 \times 0 = 0$. Running Total = 561.51

ALPHA-METHYLSTYRENE / ISOPROPENYLBENZENE(@0.08%). MAL Factor = 58. Total increased by $0.08 \times 58 = 4.52$. Running Total = 566.03

QUARTZ (<10 microns)(@0.07%). MAL Factor = 0. Total increased by $0.07 \times 0 = 0$. Running Total = 566.03
 DIPROPYLENE GLYCOL MONOMETHYL ETHER(@0.06%). MAL Factor = 5. Total increased by $0.06 \times 5 = 0.28$. Running Total = 566.31
 2-ETHYLHEXANOIC ACID(@0.05%). MAL Factor = 0. Total increased by $0.05 \times 0 = 0$. Running Total = 566.31
 CHLORITE-GROUP MINERALS(@0.03%). MAL Factor = 0. Total increased by $0.03 \times 0 = 0$. Running Total = 566.31
 DOLOMITE(@0.03%). MAL Factor = 0. Total increased by $0.03 \times 0 = 0$. Running Total = 566.31
 MAGNESIUM CARBONATE(@0.03%). MAL Factor = 0. Total increased by $0.03 \times 0 = 0$. Running Total = 566.31
 WATER(@0.02%). MAL Factor = 0. Total increased by $0.02 \times 0 = 0$. Running Total = 566.31
 BUTANONE / ETHYL METHYL KETONE(@0.02%). MAL Factor = 48. Total increased by $0.02 \times 48 = 0.73$. Running Total = 567.04
 2-METHOXY-1-PROPANOL(@0.01%). MAL Factor = 267. Total increased by $0.01 \times 267 = 2.01$. Running Total = 569.06
 ISOPROPYL ALCOHOL(@0.00%). MAL Factor = 29. Total increased by $0.00 \times 29 = 0.12$. Running Total = 569.18
 2-BUTOXY ETHANOL(@0.00%). MAL Factor = 25. Total increased by $0.00 \times 25 = 0.07$. Running Total = 569.25
 BUTYRIC ACID(@0.00%). MAL Factor = 2. Total increased by $0.00 \times 2 = 0.00$. Running Total = 569.25
 2-BUTANOL(@0.00%). MAL Factor = 67. Total increased by $0.00 \times 67 = 0.01$. Running Total = 569.26
 ARSENIC(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0$. Running Total = 569.26
 BARIUM(@0.00%). MAL Factor = 0. Total increased by $0.00 \times 0 = 0.00$. Running Total = 569.26
 Figure-before-the-dash calculated as 2. Via MAL Factor Total * Density (569.26×0.982) giving a MAL Number of 559
 MAL Number = Density (0.982) * Sum (569.26) = 559
 Figure-after-the-dash = 1. Calculated from component data.
 ALKYD RESIN, SOYA OIL MODIFIED (@29.18%) Increasing Total for FAD1 by 29185, giving 29185
 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (@21.58%) Increasing Total for FAD1 by 21578.2, giving 50763.2
 Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (@15.65%) Increasing Total for FAD1 by 156.5, giving 50919.7
 polyurethane alkyd resin (@10.70%) Increasing Total for FAD1 by 10701, giving 61620.7
 HYDROCARBON POLYMER (@7.72%) Increasing Total for FAD1 by 77.22, giving 61697.92
 ALUMINUM SILICATE (@5.88%) Increasing Total for FAD1 by 58.79982, giving 61756.71982
 Talc, non-asbestos form (@1.92%) Increasing Total for FAD1 by 19.202, giving 61775.92182
 PROPYLENE GLYCOL MONOMETHYL ETHER (@1.88%) Increasing Total for FAD1 by 1882.6318, giving 63658.55362
 ZIRCONIUM 2-ETHYLHEXANOATE (@1.34%) Increasing Total for FAD1 by 13.36888, giving 63671.92250
 Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (@0.95%) Increasing Total for FAD1 by 951.768, giving 64623.69050
 QUATERN.AM.CPS.BIS(HYDROGEN.TALLOW ALKYL)DIMET.-,BENTONITE (@0.87%) Increasing Total for FAD1 by 8.7309, giving 64632.42140
 2;2 ;6;6 -TETRAMETHYL-PIPERIDINE DERIVATIVE (@0.6%) Increasing Total for FAD1 by 6, giving 64638.42140
 ETHYL ALCOHOL (@0.31%) Increasing Total for FAD1 by 313.25, giving 64951.67140
 2-ETHYL-HEXANOIC ACID;CALCIUM SALT (@0.23%) Increasing Total for FAD1 by 2.255, giving 64953.92640
 METHYL ETHYL KETOXIME (@0.22%) Increasing Total for FAD3 by 0.072328666666666666666666666667, giving 0.072328666666666666666666666667
 LECITHINS (@0.2%) Increasing Total for FAD1 by 2, giving 64955.92640
 COBALT NEODECANOATE (@0.20%) Increasing Total for FAD3 by 0.09856, giving 0.170888666666666666666666666667
 zirconium propionate (@0.11%) Increasing Total for FAD3 by 0.055, giving 0.225888666666666666666666666667
 QUARTZ (>10 microns) (@0.08%) Increasing Total for FAD1 by 0.786, giving 64956.71240
 ALPHA-METHYLSTYRENE / ISOPROPENYLBENZENE (@0.08%) Increasing Total for FAD3 by 0.0078, giving 0.233688666666666666666666666667
 QUARTZ (<10 microns) (@0.07%) Increasing Total for FAD6 by 0.006831, giving 0.006831
 QUARTZ (<10 microns) (@0.07%) Increasing Total for FAD3 by 0.06831, giving 0.301998666666666666666666666667
 DIPROPYLENE GLYCOL MONOMETHYL ETHER (@0.06%) Increasing Total for FAD1 by 56.408, giving 65013.12040
 2-ETHYLHEXANOIC ACID (@0.05%) Increasing Total for FAD3 by 0.0495, giving 0.351498666666666666666666666667
 CHLORITE-GROUP MINERALS (@0.03%) Increasing Total for FAD1 by 0.266, giving 65013.38640
 DOLOMITE (@0.03%) Increasing Total for FAD1 by 0.266, giving 65013.65240
 MAGNESIUM CARBONATE (@0.03%) Increasing Total for FAD1 by 0.266, giving 65013.91840
 BUTANONE / ETHYL METHYL KETONE (@0.02%) Increasing Total for FAD1 by 15.15, giving 65029.06840
 2-METHOXY-1-PROPANOL (@0.01%) Increasing Total for FAD6 by 0.0037716, giving 0.0106026
 ISOPROPYL ALCOHOL (@0.00%) Increasing Total for FAD1 by 4.2, giving 65033.26840

2-BUTOXY ETHANOL (@0.00%) Increasing Total for FAD3 by 0.0002816, giving 0.351780266666666666666666666667
BUTYRIC ACID (@0.00%) Increasing Total for FAD4 by 0.00022, giving 0.00022
2-BUTANOL (@0.00%) Increasing Total for FAD1 by 0.154, giving 65033.42240
ARSENIC (@0.00%) Increasing Total for FAD6 by 0.00006, giving 0.0106626
BARIUM (@0.00%) Increasing Total for FAD1 by 0.006, giving 65033.42840
DENATONIUM BENZOATE (@0.00%) Increasing Total for FAD1 by 0.0035, giving 65033.43190
Figure-after-the-dash =1. Total of components with FAD=1 is >=1.

Low Boiling Liquid = False.

ETHYL ALCOHOL (@0.31%) Total increased by $0.31 \times 7 / 200 = 0.01$. Running Total = 0.01

ISOPROPYL ALCOHOL (@0.00%) Total increased by $0.00 \times 29 / 200 = 0.00$. Running Total = 0.01

Density * (Sum of components Concentration * MALFactor/LBLFactor) = 0.01

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 : 2-1

MAL Number : 559.012

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: 2-1

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. When using scraper or knife, brush, roller, etc. for pre- and post-treatments outside a closed facility, spray booth or spray cabin.

- Gas filter mask must be worn.

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

- Air-supplied half mask, arm protectors and eye protection 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. 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 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 half mask, eye protection, 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 : Not available.
MAL

Not available.

Not available.