

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **Final Clear**

Article number: 84110

1.2 Relevant identified uses of the substance or mixture and uses advised against

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

Application of the substance / the mixture Coating compound / Surface coating/ paint

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

KENT (United Kingdom) Ltd
Forsyth House
Pitreavie Drive
Pitreavie Business Park
Dunfermline
Fife
KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

Fax: +44 1383 620079

SDS@kenteurope.com

1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS05



GHS07

Signal word **Danger**

Hazard-determining components of labelling:

Reaction mass of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 1)

Reaction mass of bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate
 Butanone
 Cyclohexanone
 n-butyl acetate

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Chemical characterisation: Mixtures**

Description: Mixture of the substances listed below with harmless additions.

Dangerous components:

| | | |
|--|---|--------|
| CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37 | Dimethyl ether Flam. Gas 1, H220; Press. Gas C, H280 | 25-50% |
| CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43 | Butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 | 10-25% |
| CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29 | n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336 | 5-10% |
| CAS: 108-94-1 EINECS: 203-631-1 Reg.nr.: 01-2119453616-35 | Cyclohexanone Flam. Liq. 3, H226; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315 | 5-10% |
| CAS: 108-10-1 EINECS: 203-550-1 Reg.nr.: 01-2119473980-30 | 4-methylpentan-2-one Flam. Liq. 2, H225; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335 | <5% |
| CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32 | Xylene, mixed isomers, pure Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315 | <3% |
| ELINCS: 400-830-7 Reg.nr.: 01-0000015075-76 | Reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) Aquatic Chronic 2, H411; Skin Sens. 1, H317 | <0.25% |
| EC number: 915-687-0 Reg.nr.: 01-2119491304-40 | Reaction mass of bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317 | <0.25% |

Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures**

General information Instantly remove any clothing soiled by the product.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 2)

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**
Rinse out mouth.
Do not induce vomiting; instantly call for medical help.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO₂, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Can form explosive gas-air mixtures.
Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide and carbon dioxide
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained breathing apparatus.
Do not inhale explosion gases or combustion gases.
- **Additional information** Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources
- **6.2 Environmental precautions:**
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable containers.
Dispose of contaminated material as waste according to item 13.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray on flames or red-hot objects.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store in cool location.
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from heat and direct sunlight.
Store container in a well ventilated position.
<25°C

(Contd. on page 4)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 3)

- Storage class 2 B
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

- Components with limit values that require monitoring at the workplace:

| 115-10-6 Dimethyl ether | |
|---------------------------------------|---|
| WEL | Short-term value: 958 mg/m ³ , 500 ppm Long-term value: 766 mg/m ³ , 400 ppm |
| 78-93-3 Butanone | |
| WEL | Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk, BMGV |
| 123-86-4 n-butyl acetate | |
| WEL | Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm |
| 108-10-1 4-methylpentan-2-one | |
| WEL | Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm Sk, BMGV |
| 1330-20-7 Xylene, mixed isomers, pure | |
| WEL | Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk, BMGV |

DNELs

| 115-10-6 Dimethyl ether | | |
|--------------------------|---------------------------|----------------------------------|
| Inhalative | Long term systemic effect | 1,894 mg/m ³ (Worker) |
| 78-93-3 Butanone | | |
| Dermal | Long term systemic effect | 1,161 mg/kg bw/dy (Worker) |
| Inhalative | Long term systemic effect | 600 mg/m ³ (Worker) |
| 123-86-4 n-butyl acetate | | |
| Dermal | Acute systemic effect | 11 mg/kg bw/day (Worker) |
| | Long term systemic effect | 11 mg/kg bw/day (Worker) |
| Inhalative | Long term systemic effect | 300 mg/m ³ (Worker) |
| | Acute local effect | 600 mg/m ³ (Worker) |
| | Long term local effect | 300 mg/m ³ (Worker) |
| | Acute systemic effect | 600 mg/m ³ (Worker) |
| 100-41-4 Ethylbenzene | | |
| Dermal | Long term systemic effect | 180 mg/kg/day (Worker) |
| Inhalative | Acute local effect | 293 mg/m ³ (Worker) |
| | Long term local effect | 77 mg/m ³ (Worker) |

PNECs

| 115-10-6 Dimethyl ether | |
|--------------------------|---|
| PNEC | 0.155 mg/l (Aqua (freshwater)) 1,549 mg/l (Aqua (intermittent)) 0.016 mg/l (Aqua (marine water)) 0.681 mg/l (Freshwater sediment) 0.069 mg/l (Marine water sediment) 0.045 mg/l (Soil) |
| 123-86-4 n-butyl acetate | |
| PNEC | 0.18 mg/l (Aqua (freshwater)) 0.36 mg/ml (Aqua (intermittent)) 0.018 mg/ml (Aqua (marine water)) 0.981 mg/kg (Freshwater sediment) 0.0981 mg/kg (Marine water sediment) 35.6 mg/l (Sewage treatment plant) |

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 4)

| | |
|--|--|
| | 90 mg/kg (Soil) |
| 100-41-4 Ethylbenzene | |
| PNEC | 0.1 mg/l (Aqua (freshwater)) 0.1 mg/l (Aqua (intermittent)) 0.1 mg/l (Aqua (marine water)) |
| Ingredients with biological limit values: | |
| 78-93-3 Butanone | |
| BMGV | 70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one |
| 108-10-1 4-methylpentan-2-one | |
| BMGV | 20 µmol/L Medium: urine Sampling time: post shift Parameter: 4-methylpentan-2-one |
| 1330-20-7 Xylene, mixed isomers, pure | |
| BMGV | 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid |

· **Additional information:** The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls

· Personal protective equipment

· General protective and hygienic measures

- Keep away from foodstuffs, beverages and food.
- Take off immediately all contaminated clothing
- Wash hands during breaks and at the end of the work.
- Avoid contact with the skin.
- Avoid contact with the eyes and skin.

· Breathing equipment:

- Only during spraying without adequate removal by suction.
- Filter AX (EN 14387)

· Protection of hands:



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

- Wear suitable gloves tested to EN 374.
- Nitrile rubber, NBR
- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

- Value for the permeation: Level 6 > 480 minutes
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Safety glasses (EN 166)

- **Body protection:** Protective work clothing. (EN-13034/6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 5)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|---------|--------------|
| Form: | Aerosol |
| Colour: | Clear |
| Odour: | Solvent-like |

Change in condition

| | |
|--|----------------------------|
| Melting point/freezing point: | Not determined |
| Initial boiling point and boiling range: | Not applicable, as aerosol |

Flash point: Not applicable, as aerosol

Self-inflammability: Product is not selfigniting.

Explosive properties: Product is not explosive. However, formation of explosive air/steam mixtures is possible.

Critical values for explosion:

| | |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

Density: Not determined

Solubility in / Miscibility with

Water: Partly miscible

Solvent content:

Organic solvents: 676 g/l VOC

9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

Stable at ambient temperature

To avoid thermal decomposition do not overheat.

10.3 Possibility of hazardous reactions: No dangerous reactions known

10.4 Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

78-93-3 Butanone

| | | |
|--------|------|-------------------|
| Oral | LD50 | 3,300 mg/kg (Rat) |
| Dermal | LD50 | 5,000 mg/kg (rbt) |

123-86-4 n-butyl acetate

| | | |
|------|------|--------------------|
| Oral | LD50 | 14,000 mg/kg (Rat) |
|------|------|--------------------|

108-94-1 Cyclohexanone

| | | |
|------------|-------------|-------------------|
| Oral | LD50 | 1,900 mg/kg (Rat) |
| Dermal | LD50 | 948 mg/kg (rbt) |
| Inhalative | LC50 (4 hr) | 32.1 mg/l (Rat) |

108-10-1 4-methylpentan-2-one

| | | |
|--------|------|-----------------------|
| Oral | LD50 | 2,100 mg/kg (Rat) |
| Dermal | LD50 | 16,000 mg/kg (Rabbit) |

1330-20-7 Xylene, mixed isomers, pure

| | | |
|------|------|-------------------|
| Oral | LD50 | 4,300 mg/kg (Rat) |
|------|------|-------------------|

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 6)

| | | |
|------------------------------|------|----------------------|
| Dermal | LD50 | 2,000 mg/kg (rbt) |
| 100-41-4 Ethylbenzene | | |
| Oral | LD50 | 3,500 mg/kg (Rat) |
| Dermal | LD50 | 5,000 mg/kg (Rabbit) |

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

| | |
|--|--------------------------------------|
| · Aquatic toxicity: | |
| 115-10-6 Dimethyl ether | |
| EC50 (48 hr) | >4,000 mg/l (Daphnia magna) |
| EL50 (48 hr) | 4,001 mg/l (Daphnia magna) |
| LC50 (48 hr) | 755,549 mg/l (Daphnia magna) |
| LC50 (96 hr) | 154.9 mg/l (Algae) |
| | 4,001 mg/l (Poecilia reticulata) |
| 78-93-3 Butanone | |
| EC50 (48 hr) | 308 mg/l (Daphnia magna) |
| LC50 (96 hr) | 2,993 mg/l (Pimephales promelas) |
| 123-86-4 n-butyl acetate | |
| EC50 (48 hr) | 44 mg/l (Daphnia magna) |
| EC50 (72 hr) | 674.7 mg/l (Desmodesmus subspicatus) |
| LC50 (48 hr) | 44 mg/l (Daphnia magna) |
| LC50 (96 hr) | 18 mg/l (Pimephales promelas) |
| NOEC (72 hr) | 200 mg/l (Desmodesmus subspicatus) |
| 108-10-1 4-methylpentan-2-one | |
| EC50 (48 hr) | >200 mg/l (Crustacea) |
| LC50 (96 hr) | >179 mg/l (Fish) |
| 1330-20-7 Xylene, mixed isomers, pure | |
| CE50 | 10 mg/l (Fish) (72h) |
| EC50 (48 hr) | 7.4 mg/l (Daphnia magna) |
| LC50 (96 hr) | 3.77-13.5 mg/l (Fish) |
| 100-41-4 Ethylbenzene | |
| EC50 | >100 mg/l (Daphnia magna) |
| LC50 (96 hr) | >10 mg/l (Fish) |

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 7)

- vPvB: Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

| | |
|-----|---|
| HP3 | Flammable |
| HP4 | Irritant - skin irritation and eye damage |

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN1950
- **14.2 UN proper shipping name**
- **ADR** 1950 AEROSOLS
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable
- **14.3 Transport hazard class(es)**
- **ADR**
- 
- **Class** 2 5F Gases.
- **Label** 2.1
-
- **IMDG**
- 
- **Class** 2 Gases.
- **Label** 2.1
-
- **IATA**
- 
- **Class** 2.1
- **Label** 2.1
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Warning: Gases.
- **EMS Number:** F-D,S-U

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 8)

| | |
|--|---|
| <ul style="list-style-type: none"> · Stowage Code · Segregation Code | <p>SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.</p> <p>SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.</p> |
| <ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · Transport/Additional information: | |
| <ul style="list-style-type: none"> · ADR · Limited quantities (LQ) · Excepted quantities (EQ) · Transport category · Tunnel restriction code | <p>1L Code: E0 Not permitted as Excepted Quantity</p> <p>2 D</p> |
| <ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | <p>1L Code: E0 Not permitted as Excepted Quantity</p> |
| <ul style="list-style-type: none"> · UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P3a FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· National regulations

· Technical instructions (air):

| Class | Share in % |
|-------|------------|
| II | 11.5 |
| III | 70.0 |

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H220 Extremely flammable gas.
 H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H280 Contains gas under pressure; may explode if heated.
 H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.08.2019

Version number 45

Revision: 02.08.2019

Trade name: Final Clear

(Contd. of page 9)

H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.

· **Department issuing data specification sheet:** Environment protection department

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ELINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas C: Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· **Data compared to the previous version altered.** *