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

*Printing date 06.12.2019* *Revision: 13.11.2019*

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

*For professional use only*

· **1.1 Product identifier** *For professional use only*

· **Trade name: Thinner 2602**

· **Article number:** 2602
· **1.2 Relevant identified uses of the substance or mixture and uses advised against** Surface Coating
· **Application of the substance / the mixture**
Surface Coating
thinner
· **Uses advised against** Product is not intended,labelled or packaged for consumer use.

· **1.3 Details of the supplier of the safety data sheet**
· **Supplier:**
HMG PAINTS LIMITED
RIVERSIDE WORKS, COLLYHURST ROAD,
MANCHESTER. M40 7RU
UNITED KINGDOM
TEL: +44 (0)161 205 7631
EMAIL: sales@hmgpaint.com

· **Further information obtainable from:** sales@hmgpaint.com
· **1.4 Emergency telephone number:** +44 (0)161 205 7631 (Business hours)

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

| | | |
|---|---|---|
| Flam. Liq. 2 | H225 | Highly flammable liquid and vapour. |
| Eye Irrit. 2 | H319 | Causes serious eye irritation. |
| STOT SE 3 | H335-H336 | May cause respiratory irritation. May cause drowsiness or dizziness. |
| Asp. Tox. 1 | H304 | May be fatal if swallowed and enters airways. |
| Aquatic Chronic 2 | H411 | Toxic to aquatic life with long lasting effects. |

· **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 GHS07 GHS08 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Solvent naphtha (petroleum), light aromatic
Xylene (mix)
ethylbenzene
Toluene
· **Hazard statements**
H225 Highly flammable liquid and vapour.

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H319 Causes serious eye irritation.
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
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 substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|---|---|---|
| EC number: 918-668-5<br>Reg.nr.: 01-2119455851-35-xxxx | Solvent naphtha (petroleum), light aromatic<br>Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336 | 25-50% |
| CAS: 108-65-6<br>EINECS: 203-603-9<br>Reg.nr.: 01-2119475791-29 | 2-methoxy-1-methylethyl acetate<br>Flam. Liq. 3, H226 | 25-50% |
| CAS: 123-86-4<br>EINECS: 204-658-1<br>Reg.nr.: 01-2119485493-29-XXXX | Butyl ethanoate<br>Flam. Liq. 3, H226; STOT SE 3, H336 | 2.5-10% |
| CAS: 1330-20-7<br>EINECS: 215-535-7<br>Reg.nr.: 01-2119488216-32-xxxx | Xylene (mix)<br>Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | 2.5-10% |
| CAS: 67-64-1<br>EINECS: 200-662-2<br>Reg.nr.: 01-2119471330-49-xxxx | propan-2-one<br>Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 | 2.5-10% |
| CAS: 108-10-1<br>EINECS: 203-550-1<br>Reg.nr.: 01-2119473980-30-XXXX | 4-methylpentan-2-one<br>Flam. Liq. 2, H225; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H335 | 2.5-10% |
| CAS: 100-41-4<br>EINECS: 202-849-4<br>Reg.nr.: 01-2119489370-35 | ethylbenzene<br>Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332 | ≤2.5% |

· **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:** Immediately remove any clothing soiled by the product.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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· ***After skin contact:***
*Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing.*
*Immediately rinse with water.*
· ***After eye contact:***
*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*
· ***After swallowing:***
*Do not induce vomiting; call for medical help immediately and show safety datasheet or label.*
· ***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*** *Treat symptomatically.*

## SECTION 5: Firefighting measures

· ***5.1 Extinguishing media***
· ***Suitable extinguishing agents:***
*CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*
· ***For safety reasons unsuitable extinguishing agents:*** *Water with full jet*
· ***5.2 Special hazards arising from the substance or mixture*** *No further relevant information available.*
· ***5.3 Advice for firefighters***
· ***Protective equipment:*** *Put on breathing apparatus*

## SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
*Wear protective equipment. Keep unprotected persons away.*
· ***6.2 Environmental precautions:***
*Do not allow product to reach sewage system or any water course.*
*Prevent seepage into sewage system, workpits and cellars.*
*Inform respective authorities in case of seepage into water course or sewage system.*
*Do not allow to enter sewers/ surface or ground water.*
· ***6.3 Methods and material for containment and cleaning up:***
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*
*Dispose contaminated material as waste according to item 13.*
*Ensure adequate ventilation.*
· ***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 disposal information.*

## SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling***
*Keep receptacles tightly sealed.*
*Ensure good ventilation/extraction at the workplace.*
*Prevent formation of aerosols.*
· ***Information about fire - and explosion protection:***
*Keep ignition sources away - Do not smoke.*
*Protect against electrostatic charges.*

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:*** *Store in a cool location.*
· ***Information about storage in one common storage facility:*** *Not required.*
· ***Further information about storage conditions:***
*Keep receptacle tightly sealed and in a well-ventilated place.*
*Keep away from heat.*
*Store in cool, dry conditions in well sealed receptacles.*

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· **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

| · **Ingredients with limit values that require monitoring at the workplace:** | |
|---|---|
| **Solvent naphtha (petroleum), light aromatic** | |
| OEL | Long-term value: 100 mg/m³ |
| **108-65-6 2-methoxy-1-methylethyl acetate** | |
| WEL | Short-term value: 548 mg/m³, 100 ppm<br>Long-term value: 274 mg/m³, 50 ppm<br>Sk |
| **123-86-4 Butyl ethanoate** | |
| WEL | Short-term value: 966 mg/m³, 200 ppm<br>Long-term value: 724 mg/m³, 150 ppm |
| **1330-20-7 Xylene (mix)** | |
| WEL | Short-term value: 441 mg/m³, 100 ppm<br>Long-term value: 220 mg/m³, 50 ppm<br>Sk; BMGV |
| **67-64-1 propan-2-one** | |
| WEL | Short-term value: 3620 mg/m³, 1500 ppm<br>Long-term value: 1210 mg/m³, 500 ppm |
| **108-10-1 4-methylpentan-2-one** | |
| WEL | Short-term value: 416 mg/m³, 100 ppm<br>Long-term value: 208 mg/m³, 50 ppm<br>Sk, BMGV |
| **100-41-4 ethylbenzene** | |
| WEL | Short-term value: 552 mg/m³, 125 ppm<br>Long-term value: 441 mg/m³, 100 ppm<br>Sk |

| · **DNELs** | | |
|---|---|---|
| **Solvent naphtha (petroleum), light aromatic** | | |
| Oral | DNEL | 11 mg/day (Con) |
| Dermal | DNEL | 11 mg/day (Con) |
| | | 25 mg/day (Ind) |
| Inhalative | DNEL | 32 mg/m³ (Con) |
| | | 150 mg/m³ (Ind) |
| **108-65-6 2-methoxy-1-methylethyl acetate** | | |
| Oral | DNEL | 1.67 mg/day (Con) |
| Dermal | DNEL | 54.8 mg/day (Con) |
| | | 153.5 mg/day (Ind) |
| Inhalative | DNEL | 33 mg/m³ (Con) |
| | | 275 mg/m³ (Ind) |
| **123-86-4 Butyl ethanoate** | | |
| Oral | DNEL | 2 mg/day (Con) |
| Dermal | DNEL | 6 mg/day (Con) |
| | | 11 mg/day (Ind) |

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| | | |
|---|---|---|
| *Inhalative* | *DNEL* | *35.7 mg/m³ (Con)* |
| | | *300 mg/m³ (Ind)* |
| ***1330-20-7 Xylene (mix)*** | | |
| *Dermal* | *DNEL* | *108 mg/day (Con)* |
| | | *180 mg/day (Ind)* |
| *Inhalative* | *DNEL* | *14.8 mg/m³ (Con)* |
| | | *77 mg/m³ (Ind)* |
| ***67-64-1 propan-2-one*** | | |
| *Oral* | *DNEL* | *62 mg/day (Con)* |
| *Dermal* | *DNEL* | *62 mg/day (Con)* |
| | | *186 mg/day (Ind)* |
| *Inhalative* | *DNEL* | *200 mg/m³ (Con)* |
| | | *1,210 mg/m³ (Ind)* |
| ***108-10-1 4-methylpentan-2-one*** | | |
| *Oral* | *DNEL* | *4.2 mg/day (Con)* |
| *Dermal* | *DNEL* | *4.2 mg/day (Con)* |
| | | *11.8 mg/day (Ind)* |
| *Inhalative* | *DNEL* | *14.7 mg/m³ (Con)* |
| | | *83 mg/m³ (Ind)* |

· ***PNECs***
*CAS No. 1330-20-7 Xylene mixed isomers*
*- Fresh water; 0.327 mg/l*
*- Marine water; 0.327 mg/l*
*- Intermittent release; 0.327 mg/l*
*- STP; 6.58 mg/l*
*- Sediment (Freshwater); 12.46 mg/kg*
*- Sediment (Marinewater); 12.46 mg/kg*
*- Soil; 2.31 mg/kg*
*CAS No. 123-86-4 Butyl Acetate*
*Freshwater: 0.18 mg/l*
*Marine water: 0.018 mg/l*
*Fresh water sediment: 0.981 mg/kg*
*Marine sediment: 0.0981 mg/kg*
*Soil: 0.0903 mg/kg*
*STP (sewage-treatment plant): 35.6 mg/l*
*Intermittent use/release: 0.36 mg/l*

| · ***Ingredients with biological limit values:*** | |
|---|---|
| ***1330-20-7 Xylene (mix)*** | |
| *BMGV* | *650 mmol/mol creatinine*<br>*Medium: urine*<br>*Sampling time: post shift*<br>*Parameter: methyl hippuric acid* |
| ***108-10-1 4-methylpentan-2-one*** | |
| *BMGV* | *20 µmol/L*<br>*Medium: urine*<br>*Sampling time: post shift*<br>*Parameter: 4-methylpentan-2-one* |

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

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· **8.2 Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **Respiratory protection:** When spraying the product, use a respiratory protective device.
· **Protection of hands:**
When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.

Protective gloves

· **Material of gloves**
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**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:**

Tightly sealed goggles

## SECTION 9: Physical and chemical properties

| | |
|---|---|
| · **9.1 Information on basic physical and chemical properties** | |
| · **General Information** | |
| · **Appearance:** | |
| **Form:** | Liquid |
| **Colour:** | Clear |
| · **Odour:** | Characteristic |
| · **Odour threshold:** | Not determined. |
| · **pH-value:** | Not determined. |
| · **Change in condition** | |
| **Melting point/freezing point:** | Undetermined. |
| **Initial boiling point and boiling range:** | 55.8 °C |
| · **Flash point:** | -17 °C |
| · **Flammability (solid, gas):** | Not applicable. |
| · **Ignition temperature:** | 315 °C |
| · **Decomposition temperature:** | Not determined. |
| · **Auto-ignition temperature:** | Product is not selfigniting. |
| · **Explosive properties:** | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |

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| | |
|---|---|
| · **Explosion limits:** | |
| **Lower:** | 0.7 Vol % |
| **Upper:** | 10.8 Vol % |
| · **Vapour pressure at 20 °C:** | 10.7 hPa |
| · **Density at 20 °C:** | 0.891 g/cm³ |
| · **Relative density** | Not determined. |
| · **Vapour density** | Not determined. |
| · **Evaporation rate** | Not determined. |
| · **Solubility in / Miscibility with water:** | NOT MISCIBLE |
| · **Partition coefficient: n-octanol/water:** | Not determined. |
| · **Viscosity:** | |
| **Dynamic:** | Not determined. |
| **Kinematic:** | Not determined. |
| · **Solvent content:** | |
| **Organic solvents:** | 99.9 % |
| **Solids content:** | 0.0 % |
| · **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:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:**
No dangerous decomposition products when stored and handled correctly

## 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 relevant for classification:**

| | | |
|---|---|---|
| **Solvent naphtha (petroleum), light aromatic** | | |
| Oral | LD50 | 3,492 mg/kg (rat) |
| Dermal | LD50 | 3,160 mg/kg (Rab) |
| Inhalative | LC50/4 h | 6,193 mg/l (rat) |
| **108-65-6 2-methoxy-1-methylethyl acetate** | | |
| Oral | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | 5,000 mg/kg (Rat) |
| Inhalative | LC50/4 h | >10.8 mg/l (Rat) |
| **123-86-4 Butyl ethanoate** | | |
| Oral | LD50 | 10,760 mg/kg (rat) |
| Dermal | LD50 | 14,112 mg/kg (Rab) |
| Inhalative | LC50/4 h | 23.4 mg/l (Rat) |

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| | | |
|---|---|---|
| **1330-20-7 Xylene (mix)** | | |
| Oral | LD50 | 5,000 mg/kg (Rat) |
| Dermal | LD50 | 2,000 mg/kg (rbt) |
| Inhalative | LC50/4 h | 11 mg/l (Rat) |
| **67-64-1 propan-2-one** | | |
| Oral | LD50 | 5,800 mg/kg (Rat) |
| Dermal | LD50 | 15,800 mg/kg (Rat) |
| Inhalative | LC50/4 h | 76 mg/l (Rat) |
| **108-10-1 4-methylpentan-2-one** | | |
| Oral | LD50 | >2,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (Rat) |
| Inhalative | LC50/4 h | 2 mg/l (rat) |
| **100-41-4 ethylbenzene** | | |
| Oral | LD50 | 3,500 mg/kg (rat) |
| Dermal | LD50 | 17,800 mg/kg (rbt) |

· **Primary irritant effect:**
· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation**
Causes serious eye irritation.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **CMR effects (carcinogenity, 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 respiratory irritation. May cause drowsiness or dizziness.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard**
May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:**
Acute Fish toxicity
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)
LC50 9.22 mg/l
Species: Oncorhynchus mykiss (rainbow trout)
Exposure duration: 96 h

Acute toxicity for daphnia
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)
EC50 6.14 mg/l
Species: Daphnia magna (Water flea)
Exposure duration: 48 h

Acute toxicity for algae
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)
ErC50 2.9 mg/l
Species: Pseudokirchneriella subcapitata (green algae)
Exposure duration: 72 h

Acute bacterial toxicity
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)
EC50 1 - 10 mg/l

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*Ecotoxicology Assessment*
*Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)*
*Chronic aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Data based on the safety data sheet (SDS) by the supplier.*
*Acute Fish toxicity*
*n-Butyl acetate*
*LC50 18 mg/l*
*Species: Pimephales promelas (fathead minnow)*
*Exposure duration: 96 h*

*Chronic Fish toxicity*
*n-Butyl acetate*
*No data available.*

*Acute toxicity for daphnia*
*n-Butyl acetate*
*EC50 44 mg/l*
*Species: Daphnia (water flea)*
*Exposure duration: 48 h*

*Chronic toxicity to daphnia*
*n-Butyl acetate*
*NOEC 23 mg/l*
*Species: Daphnia magna (Water flea)*
*Exposure duration: 21 d*
*Method: OECD Test Guideline 211*

*Acute toxicity for algae*
*n-Butyl acetate*
*EC50 675 mg/l*
*Species: Scenedesmus quadricauda (Green algae)*
*Exposure duration: 72 h*

*Acute bacterial toxicity*
*EC50 356 mg/l*
*Species: activated sludge*
*Exposure duration: 40 h*
· ***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.*
· ***Ecotoxical effects:***
· ***Remark:*** *Toxic for fish*
· ***Additional ecological information:***
· ***General notes:***
*Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water*
*Do not allow product to reach ground water, water course or sewage system, even in small quantities.*
*Danger to drinking water if even extremely small quantities leak into the ground.*
*Also poisonous for fish and plankton in water bodies.*
*Toxic for aquatic organisms*
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*
· ***12.6 Other adverse effects*** *No further relevant information available.*



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## SECTION 13: Disposal considerations

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

· **Uncleaned packaging:**
· **Recommendation:** *Disposal must be made according to official regulations.*

## SECTION 14: Transport information

| | |
|---|---|
| · **14.1 UN-Number** | |
| · **ADR, IMDG, IATA** | *UN1263* |
| · **14.2 UN proper shipping name** | |
| · **ADR** | *1263 PAINT RELATED MATERIAL (vapour pressure at 50°C not more than 110 kPa), ENVIRONMENTALLY HAZARDOUS* |
| · **IMDG** | *PAINT RELATED MATERIAL (Solvent naphtha (petroleum), light aromatic), MARINE POLLUTANT* |
| · **IATA** | *PAINT RELATED MATERIAL* |
| · **14.3 Transport hazard class(es)** | |
| · **ADR, IMDG** |  |
| · **Class** | *3 Flammable liquids.* |
| · **Label** | *3* |
| · **IATA** |  |
| · **Class** | *3 Flammable liquids.* |
| · **Label** | *3* |
| · **14.4 Packing group** | |
| · **ADR, IMDG, IATA** | *II* |
| · **14.5 Environmental hazards:** | *Product contains environmentally hazardous substances: Solvent naphtha (petroleum), light aromatic* |
| · **Marine pollutant:** | *Symbol (fish and tree)* |
| · **Special marking (ADR):** | *Symbol (fish and tree)* |
| · **14.6 Special precautions for user** | *Warning: Flammable liquids.* |
| · **Danger code (Kemler):** | *33* |
| · **EMS Number:** | *F-E,S-E* |
| · **Stowage Category** | *B* |
| · **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** | *Not applicable.* |

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· **Transport/Additional information:**

| | |
|---|---|
| · **ADR** | |
| · **Limited quantities (LQ)** | 5L |
| · **Excepted quantities (EQ)** | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · **Transport category** | 2 |
| · **Tunnel restriction code** | D/E |
| · **IMDG** | |
| · **Limited quantities (LQ)** | 500 ml |
| · **Excepted quantities (EQ)** | Code: E3<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 300 ml |
| · **UN "Model Regulation":** | UN 1263 PAINT RELATED MATERIAL (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 3, II, ENVIRONMENTALLY HAZARDOUS |

## 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**
E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 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 % |
|---|---|
| NK | 99.9 |

· **Waterhazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Full text of H-Statements referred to under sections 2 and 3:**
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to the hearing organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

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

*Printing date 06.12.2019* *Revision: 13.11.2019*

***Trade name: Thinner 2602***

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· ***Department issuing SDS:*** *Product safety department: LABORATORY*
· ***Contact:*** *Health & Safety Officer*
· ***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*
*EINECS: 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. 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 Irrit. 2: Serious eye damage/eye irritation – Category 2*
*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*
*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*
*Asp. Tox. 1: Aspiration hazard – Category 1*
*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*