

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

Printing date 05.08.2020

Version number 26

Revision: 05.08.2020

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

· 1.1 Product identifier

- Trade name: DOUBLE COAT BRUSHTHINNER 60
- Article number: 809
- CAS Number: 623-84-7
- EC number: 210-817-6
- Registration number 01-2119892736-20
- UFI: MVU3-40YD-V00H-40DE

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

- Sector of Use
 - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 - SU19 Building and construction work
- Product category PC9a Coatings and paints, thinners, paint removers
- Process category PROC19 Manual activities involving hand contact
- Environmental release category
 - ERC5 Use at industrial site leading to inclusion into/onto article
 - ERC8c Widespread use leading to inclusion into/onto article (indoor)
 - ERC8f Widespread use leading to inclusion into/onto article (outdoor)
- Article category AC13 Plastic articles
- Application of the substance / the mixture
 - See our technical datasheet for application details of this product.
 - Thinner, Diluent

· 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier: De IJssel Coatings BV, Centrumbaan 960, NL 2841 MH Moordrecht
Tel: +31 182 372177, E-mail: info@de-ijssel-coatings.nl

- Further information obtainable from: Research and Development.

· 1.4 Emergency telephone number:

De IJssel Coatings BV, Tel. +31 182 372177, E-mail: safety@de-ijssel-coatings.nl
Office hours: working days from 08:00 to 17:00 hrs.

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008 The substance is not classified, according to the CLP regulation.

· 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

· 2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.1 Chemical characterisation: Substances

- CAS No. Description 623-84-7 propane-1,2-diyl diacetate
- Identification number(s)
- EC number: 210-817-6

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

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- **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 or powder. Fight larger fires with alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- Protective equipment: No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** 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).
- **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** No special measures required.
- Information about fire - and explosion protection: No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Recommended storage temperature: 5 - 30 °C
- **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: Not required.

· DNEL (Derived No Effect Level) for the general population

623-84-7 propane-1,2-diyl diacetate

| | | |
|------------|--|--|
| Oral | Long-term - systemic effects, general population | 2.5 mg/kg bw/day (General population) |
| Dermal | Long-term - systemic effects, general population | 25 mg/kg bw/day (General population) |
| Inhalative | Long-term - systemic effects, general population | 117 mg/m ³ (General population) |

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| | |
|--|---|
| · PNEC (Predicted No Effect Concentration) values | |
| 623-84-7 propane-1,2-diyl diacetate | |
| Aquatic compartment - freshwater | 0.082 mg/l (Freshwater) |
| Aquatic compartment - marine water | 0.0082 mg/l (Marine water) |
| Aquatic compartment - water, intermittent releases | 0.82 mg/l (Intermittent release water) |
| Aquatic compartment - sediment in freshwater | 0.579 mg/kg sed dw (Sediment freshwater) |
| Aquatic compartment - sediment in marine water | 0.0579 mg/kg sed dw (Sediment marine water) |
| Terrestrial compartment - soil | 0.0678 mg/kg dw (Soil) |
| Sewage treatment plant | 100 mg/l (stp) |

- Additional information: The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- Personal protective equipment:
- General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not required.
- Protection of hands: 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: 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.
 Recommended thickness of the material: ≥ 0.3 mm
- 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.
 For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
- For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR
- As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Not suitable are gloves made of the following materials: Leather gloves
 Strong material gloves
- Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties

| | |
|--|---------------------------------------|
| · 9.1 Information on basic physical and chemical properties | |
| · General Information | |
| · Appearance: | |
| Form: | Fluid |
| Colour: | Colourless |
| · Odour: | Characteristic |
| · Odour threshold: | Not determined. |
| · pH-value: | Not determined. |
| · Change in condition | |
| Melting point/freezing point: | < -75 °C |
| Initial boiling point and boiling range: | 190 °C |
| · Flash point: | 86 – 95 °C (Pensky Martens, ASTM D93) |
| · Flammability (solid, gas): | Not applicable. |
| · Ignition temperature: | 431 °C |
| · Decomposition temperature: | Not determined. |
| · Auto-ignition temperature: | Not determined. |

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| | |
|---|--|
| · Explosive properties: | Product does not present an explosion hazard. |
| · Explosion limits: Lower: Upper: | 2.8 Vol % 12.7 Vol % |
| · Vapour pressure at 20 °C: | < 3 hPa |
| · Density at 20 °C: · Relative density · Vapour density · Evaporation rate | 1.06 g/cm ³ (DIN 51757, ASTM D 1298) Not determined. Not determined. Not determined. |
| · Solubility in / Miscibility with water: | Not miscible or difficult to mix. |
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Viscosity: Dynamic at 20 °C: Kinematic: | 2.6 mPas (Brookfield, ASTM D1544) Not determined. |
| · Solvent content: VOC (2004/42/EC): | 0.00 % |
| · 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 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 relevant for classification:

| Components | Type | Value | Species |
|--|------|-------------------|---------|
| ATE (Acute Toxicity Estimates) | | | |
| Dermal | LD50 | 2,000 mg/kg (rab) | |
| 623-84-7 propane-1,2-diyl diacetate | | | |
| Oral | LD50 | 5,000 mg/kg (Rat) | |
| Dermal | LD50 | 2,000 mg/kg (rab) | |

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- 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 Based on available data, the classification criteria are not met.
- 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.

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SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.
- **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) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- PBT: Not applicable.
- vPvB: Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- Recommendation Smaller quantities can be disposed of with household waste.

- European waste catalogue

| | |
|-----------|---|
| 08 00 00 | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS |
| 08 01 00 | wastes from MFSU and removal of paint and varnish |
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |

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

SECTION 14: Transport information

| | |
|--|-----------------|
| · 14.1 UN-Number | Void |
| · ADR/RID/ADN, ADN, IMDG, IATA | |
| · 14.2 UN proper shipping name | Void |
| · ADR/RID/ADN, ADN, IMDG, IATA | |
| · 14.3 Transport hazard class(es) | Void |
| · ADR/RID/ADN, ADN, IMDG, IATA | |
| · Class | |
| · 14.4 Packing group | Void |
| · ADR/RID/ADN, ADN, IMDG, IATA | |
| · 14.5 Environmental hazards: | No |
| · Marine pollutant: | |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

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 Substance is not listed.

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· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

Substance is not listed.

· **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.

· Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· Department issuing SDS:

Research and Development

· Contact:

Herman van den Berg, tel: +31 182 372177, e-mail: safety@de-ijsel-coatings.nl

· 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

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

VOC: Volatile Organic Compounds (USA, EU)

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

Literature data and/or investigation reports are available through the manufacturer.

· Sources:

· * Data compared to the previous version altered.