

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

1.1 Product identifier

Trade name: DOUBLE COAT SPRAYTHINNER 60

Article number: 808

UFI: J7U3-C0DW-900A-VEQ4

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

 GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

 GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.



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 GHS07

Signal word Danger

Hazard-determining components of labelling:

butanone
 2-ethoxy-1-methylethyl acetate

Hazard statements

H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
 P261 Avoid breathing mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

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- Additional information: EUH066 Repeated exposure may cause skin dryness or cracking.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

· Determination of endocrine-disrupting properties	
78-93-3 butanone	List II

*** SECTION 3: Composition/information on ingredients**

- **3.2 Mixtures**
- Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43	butanone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10 – 25%
CAS: 54839-24-6 EINECS: 259-370-9 Index number: 603-177-00-8 Reg.nr.: 01-2119475116-39	2-ethoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	10 – 25%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066	3 – 10%

- 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.
- After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- **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.
- 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: No special measures required.

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 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).

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- **6.4 Reference to other sections**
 - Dispose contaminated material as waste according to section 13.
 - Ensure adequate ventilation.
 - 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**
 - Ensure good ventilation/exhaustion 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.
 - Store material in original, tightly closed containers in a cool, well-ventilated area in accordance with applicable (local) regulations. Depending on total volume stored, the storage area should comply with PGS15.
 - Information about storage in one common storage facility:
 - Not required.
 - Further information about storage conditions:
 - Keep container tightly sealed.
 - Store in cool, dry conditions in well sealed receptacles.
 - Recommended storage temperature:
 - 5 - 30 °C
- **7.3 Specific end use(s)**
 - No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:		
78-93-3 butanone		
IOELV	Short-term value: 900 mg/m ³ , 300 ppm	
	Long-term value: 600 mg/m ³ , 200 ppm	
123-86-4 n-butyl acetate		
IOELV	Short-term value: 723 mg/m ³ , 150 ppm	
	Long-term value: 241 mg/m ³ , 50 ppm	
· DNEL (Derived No Effect Level) for workers		
78-93-3 butanone		
Dermal	Long-term - systemic effects, worker	1,161 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects, worker	600 mg/m ³ (Worker)
54839-24-6 2-ethoxy-1-methylethyl acetate		
Dermal	Long-term - systemic effects, worker	103 mg/kg bw/day (Worker)
Inhalative	Acute - systemic effects, worker	608 mg/m ³ (Worker)
	Long-term - systemic effects, worker	302 mg/m ³ (Worker)
123-86-4 n-butyl acetate		
Inhalative	Acute - systemic effects, worker	960 mg/m ³ (Worker)
	Acute - local effects, worker	960 mg/m ³ (Worker)
	Long-term - systemic effects, worker	480 mg/m ³ (Worker)
	Long-term - local effects, worker	480 mg/m ³ (Worker)
· DNEL (Derived No Effect Level) for the general population		
78-93-3 butanone		
Oral	Long-term - systemic effects, general population	31 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects, general population	412 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, general population	106 mg/m ³ (General population)

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54839-24-6 2-ethoxy-1-methylethyl acetate		
Oral	Long-term - systemic effects, general population	13.1 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects, general population	62 mg/kg bw/day (General population)
Inhalative	Acute - systemic effects, general population	365 mg/m ³ (General population)
	Long-term - systemic effects, general population	181 mg/m ³ (General population)
123-86-4 n-butyl acetate		
Inhalative	Acute - systemic effects, general population	859.7 mg/m ³ (General population)
	Acute - local effects, general population	859.7 mg/m ³ (General population)
	Long-term - systemic effects, general population	102.34 mg/m ³ (General population)
	Long-term - local effects, general population	102.34 mg/m ³ (General population)
· PNEC (Predicted No Effect Concentration) values		
78-93-3 butanone		
Aquatic compartment - freshwater		55.8 mg/l (Freshwater)
Aquatic compartment - marine water		55.8 mg/l (Marine water)
Aquatic compartment - sediment in freshwater		284.74 mg/kg sed dw (Sediment freshwater)
Aquatic compartment - sediment in marine water		287.7 mg/kg sed dw (Sediment marine water)
Terrestrial compartment - soil		22.5 mg/kg dw (Soil)
54839-24-6 2-ethoxy-1-methylethyl acetate		
Aquatic compartment - freshwater		1.3 mg/l
Aquatic compartment - marine water		0.13 mg/l
Aquatic compartment - sediment in freshwater		6.4 mg/kg sed dw
Aquatic compartment - sediment in marine water		1.34 mg/kg sed dw
Terrestrial compartment - soil		1.34 mg/kg dw
Sewage treatment plant		62.5 mg/l
123-86-4 n-butyl acetate		
Aquatic compartment - freshwater		0.18 mg/l (Freshwater)
Aquatic compartment - marine water		0.018 mg/l (Marine water)
Aquatic compartment - water, intermittent releases		0.36 mg/l (Intermittent release water)
Aquatic compartment - sediment in freshwater		0.981 mg/kg sed dw (Sediment freshwater)
Aquatic compartment - sediment in marine water		0.0981 mg/kg sed dw (Sediment marine water)
Terrestrial compartment - soil		0.0903 mg/kg dw (Soil)
Sewage treatment plant		35.6 mg/l (stp)

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

8.2 Exposure controls

- Appropriate engineering controls No further data; see section 7.
- Individual protection measures, such as 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: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Hand protection
 - 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
 - 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.
 - Recommended thickness of the material: ≥ 0.3 mm

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· Gases under pressure	Void
· Flammable liquids	Highly flammable liquid and vapour.
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

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 hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:

Components	Type	Value	Species
78-93-3 butanone			
Oral	LD50	3,300 mg/kg	(Rat)
Dermal	LD50	5,000 mg/kg	(Rabbit)
123-86-4 n-butyl acetate			
Oral	LD50	10,760 mg/kg	(Rat)
Dermal	LD50	> 5,000 mg/kg	(Rabbit)

- 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.
- 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.

· **11.2 Information on other hazards**

· Endocrine disrupting properties	
78-93-3 butanone	List II

SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.

Type of test	Effective concentration	Method	Assessment
123-86-4 n-butyl acetate			
Oral	EC50	44 mg/l	(Daphnia magna)

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Inhalative	LC50/4 h	> 21 mg/l (Rat)
	LC50/96 h	18 mg/l (Fish Acute Toxicity Study)

- **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.
- **12.5 Results of PBT and vPvB assessment**
- PBT: Not applicable.
- vPvB: Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- 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 course or sewage system.

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.

· 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
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

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

SECTION 14: Transport information

· 14.1 UN number or ID number	UN1263
· ADR/RID/ADN, IMDG, IATA	
· 14.2 UN proper shipping name	1263 PAINT RELATED MATERIAL
· ADR/RID/ADN	PAINT RELATED MATERIAL
· IMDG, IATA	
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN	
· Class	3 (F1) Flammable liquids.
· Label	3

· IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	II
· ADR/RID/ADN, IMDG, IATA	
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E,S-E
· Stowage Category	B

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· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR/RID/ADN	5L
· Limited quantities (LQ)	Code: E2
· Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, II

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 P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- REGULATION (EC) No 1907/2006 ANNEX XVII
Conditions of restriction: 3

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

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

78-93-3	butanone	3
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· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

78-93-3	butanone	3
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· National regulations:

· Technical instructions (air):

Class	Share in %
NK	52.2

· 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.

- Relevant phrases H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

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H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.

· 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.

Flammable liquids	On basis of test data
Serious eye damage/irritation Specific target organ toxicity (single exposure)	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:
- Contact:
- Date of previous version:
- Version number of previous version:
- Abbreviations and acronyms:

Research and Development
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28.01.2022

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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 relatif au transport international 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)
VOC: Volatile Organic Compounds (USA, EU)
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
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

- Sources:
- * Data compared to the previous version altered.