

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.07.2020

Version number 1

Revision: 13.07.2020

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

- 1.1 Product identifier
- Trade name: **Recoat AM Protector Spray**
- Article number: 586331-70
- 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)
- Application of the substance / the mixture Coating compound/ Surface coating/ paint
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
 - Dercom B.V.
 - Platinawerf 24A
 - 6641 TL Beuningen - Holland
 - Tel: 0031 24 67 525 74
 - Fax: 0031 24 67 525 77
- Further information obtainable from: a.derks@dercom.nl
- 1.4 Emergency telephone number:
 - National Poisoning Information Centre - Bilthoven - The Netherlands
 - T +31 (0)30 274 88 88
 - Restricted to physicians for information on ingredients.

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
 - The product 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
- Precautionary statements
 - P260 Do not breathe mist/vapours/spray.
 - P280 Wear protective gloves / eye protection.
- Additional information:
 - EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
 - EUH210 Safety data sheet available on request.
 - Restricted to professional users.
- 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 %(m/m):

CAS: 34590-94-8	Dipropylene glycol monomethyl ether	0.5-2.5%
EINECS: 252-104-2	substance with a Community workplace exposure limit	
Reg.nr.: 01-2119450011-60		
CAS: 6846-50-0	1-isopropyl-2,2-dimethyltrimethylenediisobutyrate	0.5-2.5%
EINECS: 229-934-9	Aquatic Chronic 3, H412	
Reg.nr.: 01-2119451093-47		
- 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 wash with water and soap and rinse thoroughly.

(Contd. on page 2)

Safety data sheet

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Version number 1

Revision: 13.07.2020

 Trade name: **Recoat AM Protector Spray**

(Contd. of page 1)

- If skin irritation continues, consult a doctor.
 - **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
Remove contactlenses.
 - **After swallowing:**
Do not induce vomiting; call for medical help immediately.
Rinse mouth.
 - **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:**
Use fire extinguishing methods suitable to surrounding conditions.
CO₂ or powder. Fight larger fights with alcohol resistant foam.
 - **5.2 Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
Carbon monoxide (CO)
 - **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.
-

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Mount respiratory protective device.
 - **6.2 Environmental precautions:**
Dilute with plenty of water.
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).
Ensure adequate ventilation.
Collect leaking fluid in lockable waste containers.
 - **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**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
 - **Information about fire - and explosion protection:** Keep respiratory protective device available.
 - **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
 - **Information about storage in one common storage facility:** Store away from oxidising agents.
 - **Further information about storage conditions:** Protect from frost.
 - **Storage class:** 12
 - **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:**

34590-94-8 Dipropylene glycol monomethyl ether

IOELV Long-term value: 308 mg/m³, 50 ppm
Skin

- **DNELs**

34590-94-8 Dipropylene glycol monomethyl ether

Dermal Long-term exposure - systemic effects 283 mg/kg bw/day (worker)

(Contd. on page 3)

Safety data sheet

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Version number 1

Revision: 13.07.2020

Trade name: **Recoat AM Protector Spray**

(Contd. of page 2)

Inhalative Long-term exposure - systemic effects 308 mg/m³ (worker)**6846-50-0 1-isopropyl-2,2-dimethyltrimethylenediisobutyrate**

Dermal Long-term exposure - systemic effects 31.2 mg/kg bw/day (worker)

Inhalative Long-term exposure - systemic effects 110 mg/m³ (worker)

· PNECs

34590-94-8 Dipropylene glycol monomethyl ether

PNEC 2.74 mg/kg (bd)

7.02 mg/kg (sediment marine water)

70.2 mg/kg (sediment freshwater)

PNEC 4,168 mg/l (STP)

19 mg/l (aqua, freshwater)

190 mg/l (aqua, intermittent releases)

1.9 mg/l (aqua, marine water)

6846-50-0 1-isopropyl-2,2-dimethyltrimethylenediisobutyrate

PNEC 83.3 mg/kg (oral)

0.529 mg/kg (sediment marine water)

5.29 mg/kg (sediment freshwater)

1.05 mg/kg (soil)

PNEC 3 mg/l (STP)

0.014 mg/l (aqua, freshwater)

0.001 mg/l (aqua, marine water)

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

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· 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.

Short term filter device:

Filter A.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Suitable materials for safety gloves (EN 374):

Butyl rubber, BR

· Penetration time of glove material

Thickness of the gloves $\geq 0,7\text{mm}$ ((2-methoxymethylethoxy)propanol)Value for the permeation: Level ≥ 480 min ((2-methoxymethylethoxy)propanol)

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

· Body protection: Solvent resistant protective clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:

Fluid

Colour:

According to product specification

(Contd. on page 4)

Safety data sheet

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Revision: 13.07.2020

Trade name: **Recoat AM Protector Spray**

(Contd. of page 3)

. Odour:	Characteristic
. Odour threshold:	Not determined.
. pH-value at 20 °C:	8-8.5
. Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	≥100 °C
. Flash point:	Not applicable.
. Flammability (solid, gas):	Not applicable.
. Decomposition temperature:	Not determined.
. Auto-ignition temperature:	Product is not selfigniting.
. Explosive properties:	Product does not present an explosion hazard.
. Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
. Vapour pressure at 20 °C:	≤23 hPa
. Density at 20 °C:	1.05 g/cm ³
. Relative density	Not determined.
. Vapour density	Not determined.
. Evaporation rate	Not determined.
. Solubility in / Miscibility with water:	Slightly soluble.
. Partition coefficient: n-octanol/water:	Not determined.
. Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	12-14 s (DIN 53211/4)
. Solvent content:	
Organic solvents:	3.2 %
VOC (EC)	3.18 %
. 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 Reacts with strong oxidizing agents.
- . 10.4 Conditions to avoid High temperatures.
- . 10.5 Incompatible materials: Oxidizing agents
- . 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:
- 34590-94-8 Dipropylene glycol monomethyl ether**
- Oral LD50 5,135 mg/kg (rat)
- Dermal LD50 9,510 mg/kg (rabbit)
- Inhalative LC50/4h 55-60 mg/l (rat)
- . 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.

(Contd. on page 5)

Safety data sheet

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Version number 1

Revision: 13.07.2020

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(Contd. of page 4)

- 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.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity:

34590-94-8 Dipropylene glycol monomethyl ether

ErC50/96h (static) >969 mg/l (pseudokirchneriella subcapitata) (OESO 201)

NOEC/22d >0.5 mg/l (daphnia magna)

LOEC/22d >0.5 mg/l (daphnia magna)

EC10/18h 4,168 mg/l (pseudomonas putida)

EC50/48h >100 mg/l (daphnia magna)

EC50/72h (static) 6,999 mg/l (Skeletonema costatum)

LC50/48h (static) 1.919 mg/l (daphnia magna)

LC50/96h (static) >1,000 mg/l (poecilia reticulata) (OESO 203)

- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential

34590-94-8 Dipropylene glycol monomethyl ether

BCF <3 (/)

LogPow 1.01 (/)

- 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 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 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- European waste catalogue
16 10 01* aqueous liquid wastes containing hazardous substances
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- 14.1 UN-Number
- ADR/ADN, IMDG, IATA Void
- 14.2 UN proper shipping name
- ADR/ADN, IMDG, IATA Void
- 14.3 Transport hazard class(es)
- ADR/ADN, ADN, IMDG, IATA
- Class Void
- 14.4 Packing group
- ADR/ADN, IMDG, IATA Void
- 14.5 Environmental hazards: Not applicable.

(Contd. on page 6)

Safety data sheet

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Revision: 13.07.2020

Trade name: **Recoat AM Protector Spray**

(Contd. of page 5)

- . 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 None of the ingredients is listed.
- . National regulations:
- . Other regulations, limitations and prohibitive regulations
The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.
- . 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**
H412 Harmful to aquatic life with long lasting effects.
- . **Department issuing SDS:** Product safety department.
- . **Contact:** Mrs. A. Derks
- . **Abbreviations and acronyms:**
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)
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
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

— EU —