

SAFETY DATA SHEET

Date of issue/Date of revision

: 7 May 2025

Version

: 1.06



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

1.1 Product identifier

Product name : HYDROCENTRIFUGON PEINTURE NF BASE

Product code : 00230508

Other means of identification

Not available.

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

Product use : Professional applications, Used by spraying.

**Use of the substance/
mixture** : Coating.

Uses advised against : Product is not intended, labelled or packaged for consumer use.

1.3 Details of the supplier of the safety data sheet

PPG Coatings Belgium BV/SRL
Tweemontstraat 104
B-2100 Deurne
Belgium
Telephone +32-33606311
Fax +32-33606435

**e-mail address of person
responsible for this SDS** : Product.Stewardship.EMEA@ppg.com

1.4 Emergency telephone number

Supplier

+31 20 4075210

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Eye Irrit. 2, H319

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 2: Hazards identification

Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	Causes serious eye irritation.
<u>Precautionary statements</u>		
Prevention	:	Wear eye or face protection.
Response	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P305 + P351 + P338, P337 + P313, P501
Supplemental label elements	:	Contains Amines, polyethylenepoly-, triethylenetetramine fraction. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
<u>Special packaging requirements</u>		
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	Prolonged or repeated contact may dry skin and cause irritation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures	:	Mixture
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Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	% by weight	Classification	Specific Conc. Limits, M-factors and ATEs	Type
butan-1-ol	REACH #: 01-2119484630-38 EC: 200-751-6 CAS: 71-36-3 Index: 603-004-00-6	≥1.0 - <3.0	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	ATE [Oral] = 790 mg/kg	[1] [2]
2-methylpentane-2,4-diol	REACH #: 01-2119539582-35 EC: 203-489-0 CAS: 107-41-5	≥1.0 - <3.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361d	-	[1] [2]
Amines, polyethylenepoly-, triethylenetetramine fraction	REACH #: 01-2119487919-13 EC: 292-588-2 CAS: 90640-67-8	<1.0	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412	ATE [Oral] = 1716 mg/kg ATE [Dermal] = 1465 mg/kg	[1]
propylidynetrimethanol	REACH #: 01-2119486799-10 EC: 201-074-9 CAS: 77-99-6	≤0.30	Repr. 2, H361fd See Section 16 for the full text of the H statements declared above.	-	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- Eye contact : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Code : 00230508

Date of issue/Date of revision

: 7 May 2025

HYDROCENTRIFUGON PEINTURE NF BASE

SECTION 4: First aid measures

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.
Inhalation : No known significant effects or critical hazards.
Skin contact : Defatting to the skin. May cause skin dryness and irritation.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
pain or irritation
watering
redness
Inhalation : No specific data.
Skin contact : Adverse symptoms may include the following:
irritation
dryness
cracking
Ingestion : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products : Decomposition products may include the following materials:
carbon oxides
nitrogen oxides
metal oxide/oxides

5.3 Advice for firefighters

Special precautions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Code : 00230508

Date of issue/Date of revision

: 7 May 2025

HYDROCENTRIFUGON PEINTURE NF BASE

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4 Reference to other sections

- : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

- : Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 7: Handling and storage

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
butan-1-ol	ACGIH TLV (United States, 1/2024) TWA 8 hours: 20 ppm.
2-methylpentane-2,4-diol	ACGIH TLV (United States, 1/2024) STEL 15 minutes: 10 mg/m³. Form: Inhalable fraction. Aerosol only.. STEL 15 minutes: 50 ppm. Form: Vapor fraction. TWA 8 hours: 25 ppm. Form: Vapor fraction.

Recommended monitoring procedures : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Exposure	Value
butan-1-ol	DNEL - General population - Long term - Oral	Effects: Systemic 1.5625 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Effects: Systemic 3.125 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic 55.357 mg/m³
	DNEL - General population - Long term - Inhalation	Effects: Local 155 mg/m³
2-methylpentane-2,4-diol	DNEL - Workers - Long term - Inhalation	Effects: Local 310 mg/m³
	DNEL - General population - Long term - Inhalation	Effects: Local 25 mg/m³
	DNEL - Workers - Long term - Inhalation	Effects: Local 49 mg/m³
	DNEL - Workers - Short term - Inhalation	Effects: Local 98 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic 2.25 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic 7.83 mg/m³
	DNEL - General population - Long term - Dermal	Effects: Systemic 22.5 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Effects: Systemic 44.43 mg/m³
Amines, polyethylenepoly-, triethylenetetramine	DNEL - General population - Short term - Inhalation	Effects: Local 49 mg/m³
	DNEL - Workers - Long term - Dermal	Effects: Systemic 63 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic 0.096 mg/m³

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 8: Exposure controls/personal protection

fraction propylidynetrimethanol	DNEL - General population - Long term - Oral	Effects: Systemic	0.14 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Effects: Systemic	0.54 mg/m³
	DNEL - General population - Long term - Oral	Effects: Systemic	0.34 mg/kg bw/day
	DNEL - General population - Long term - Dermal	Effects: Systemic	0.34 mg/kg bw/day
	DNEL - General population - Long term - Inhalation	Effects: Systemic	0.58 mg/m³
	DNEL - Workers - Long term - Dermal	Effects: Systemic	0.94 mg/kg bw/day
	DNEL - Workers - Long term - Inhalation	Effects: Systemic	3.3 mg/m³

PNECs

Product/ingredient name	Compartment Detail - Method	Value
butan-1-ol	Fresh water	0.082 mg/l
	Marine water	0.0082 mg/l
	Fresh water sediment	0.178 mg/kg
	Marine water sediment	0.0178 mg/kg
	Soil	0.015 mg/kg
	Sewage Treatment Plant	2476 mg/l

8.2 Exposure controls

- Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Individual protection measures
- Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection

: Chemical splash goggles. Use eye protection according to EN 166.
- Skin protection
- Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
- Gloves

: For prolonged or repeated handling, use the following type of gloves:

Recommended: neoprene, butyl rubber, nitrile rubber
- Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 8: Exposure controls/personal protection

Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance

Physical state

Colour

Odour

Melting point/freezing point

Boiling point or initial boiling point and boiling range

Flammability

Lower and upper explosion limit

Flash point

Auto-ignition temperature

: Liquid.

: Colourless.

: Alcohol-like.

: Not determined.

: >37.78°C

: Not determined. There are no data available on the mixture itself.

: Not available.

: Closed cup: Not applicable.

:

Ingredient name	°C	°F	Method
2-methylpentane-2,4-diol	305.85	582.5	

Decomposition temperature

pH

Viscosity

Viscosity

Solubility

: Stable under recommended storage and handling conditions (see Section 7).

: 9.5

: Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C): >21 mm²/s

: 60 - 100 s (ISO 6mm)

:

Media	Result
cold water	Partially soluble

Partition coefficient n-octanol/ water (log Pow)

Vapour pressure

: Not applicable.

:

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 9: Physical and chemical properties

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
water	17.5	2.3				

Relative density	: 1.38
Particle characteristics	
Median particle size	: Not applicable.
9.2 Other information	
9.2.1 Information with regard to physical hazard classes	
Explosive properties	: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.
Oxidising properties	: Product does not present an oxidizing hazard.
No additional information.	

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
10.5 Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6 Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides metal oxide/oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. Causes serious eye irritation.

Acute toxicity

Product/ingredient name	Result	Dose / Exposure
butan-1-ol	Rabbit - Dermal - LD50 <u>Toxic effects</u> : Eye - Corneal damage Cardiac - Pulse rate Lung, Thorax, or Respiration - Dyspnea	3400 mg/kg
	Rat - Oral - LD50 <u>Toxic effects</u> : Liver - Fatty liver degeneration Kidney, Ureter, and Bladder - Other changes Blood - Other changes	790 mg/kg
	Rat - Inhalation - LC50 Vapour	24000 mg/m³ [4 hours]
English (GB)	Europe	9/16

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 11: Toxicological information

2-methylpentane-2,4-diol	Rat - Oral - LD50	3700 mg/kg
Amines, polyethylenepoly-, triethylenetetramine fraction	Rat - Male, Female - Dermal - LD50	>2000 mg/kg
	Rat - Oral - LD50	1716 mg/kg
propylidynetrimethanol	Rabbit - Dermal - LD50	1465 mg/kg
	Rat - Oral - LD50	14000 mg/kg
	Rabbit - Dermal - LD50	10 g/kg

Acute toxicity estimates

Route	ATE value
Oral	35090.16 mg/kg

Conclusion/Summary : Based on available data, the classification criteria are not met.

Irritation/Corrosion

Conclusion/Summary

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

Eyes : Causes serious eye irritation.

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

Respiratory or skin sensitization

Conclusion/Summary

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

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

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.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
butan-1-ol	Category 3	-	Respiratory tract irritation
-	Category 3	-	Narcotic effects

Conclusion/Summary :

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

Specific target organ toxicity (repeated exposure)

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

Aspiration hazard

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

Information on likely routes of exposure : Not available.

Potential acute health effects

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Skin contact : Defatting to the skin. May cause skin dryness and irritation.

Eye contact : Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 11: Toxicological information

Inhalation	: No specific data.
Ingestion	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
Long term exposure	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.

Potential chronic health effects

General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Other information	: Prolonged or repeated contact may dry skin and cause irritation. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties	
The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.	
11.2.2 Other information	
Not available.	

SECTION 12: Ecological information

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.	
The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.	
12.1 Toxicity	

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 12: Ecological information

Product/ingredient name	Result	Species	Dose / Exposure
butan-1-ol 2-methylpentane-2,4-diol	Acute - LC50	Fish	1376 mg/l [96 hours]
	LC50	Fish - <i>Gambusia affinis</i>	8.51 mg/l [96 hours]
	EC50	Daphnia - <i>Daphnia magna</i>	5.41 mg/l [48 hours]
	EC50	Algae - <i>Raphidocelis subcapitata</i>	>429 mg/l [72 hours]
Amines, polyethylenepoly-, triethylenetetramine fraction	NOEC	Algae - <i>Raphidocelis subcapitata</i>	429 mg/l [72 hours]
	Acute - LC50	Fish - <i>Pimephales promelas</i>	330 mg/l [96 hours]
	Acute - EC50	Daphnia - <i>Daphnia magna</i>	31.1 mg/l [48 hours]
	Acute - EC50	Aquatic plants - <i>Daphnia magna</i>	20 mg/l [72 hours]
propylidynetrimethanol	Acute - NOEC	Crustaceans	2.5 mg/l [72 hours]
	Acute - LC50	Fish	>1000 mg/l [96 hours]

Conclusion/Summary : Based on available data, the classification criteria are not met.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose / Inoculum
2-methylpentane-2,4-diol	OECD [Ready Biodegradability - Manometric Respirometry Test]	81% [28 days]	

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
2-methylpentane-2,4-diol	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
butan-1-ol	1	-	Low
2-methylpentane-2,4-diol	0.58	-	Low
Amines, polyethylenepoly-, triethylenetetramine fraction	-2.65	-	Low
propylidynetrimethanol	-0.47	-	Low

12.4 Mobility in soil

Soil/water partition coefficient

Product/ingredient name	logK _{oc}	K _{oc}
butan-1-ol	0.51	3.22078
2-methylpentane-2,4-diol	1.18	15.2204
propylidynetrimethanol	1.22	16.5101

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 12: Ecological information

12.6 Endocrine disrupting properties

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste :
[European waste catalogue \(EWC\)](#)

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	European waste catalogue (EWC)
Container	15 01 06 mixed packaging

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 14: Transport information

14.5 Environmental hazards Marine pollutant substances	No. Not applicable.	No. Not applicable.	No. Not applicable.	No. Not applicable.
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Additional information

ADR/RID	: None identified.
ADN	: None identified.
IMDG	: None identified.
IATA	: None identified.

14.6 Special precautions for user : **Transport within user’s premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments : Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
[EU Regulation \(EC\) No. 1907/2006 \(REACH\)](#)

[Annex XIV - List of substances subject to authorisation](#)

[Annex XIV](#)
None of the components are listed.
[Substances of very high concern](#)
None of the components are listed.

[Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles](#)

Product/ingredient name	Entry Number (REACH)
HYDROCENTRIFUGON PEINTURE NF BASE	3

Labelling : Not applicable.
Explosive precursors : Not applicable.
[Ozone depleting substances \(EU 2024/590\)](#)
Not listed.
VOC for Ready-for-Use Mixture : IIA/b. Interior glossy walls and ceilings (Gloss >25@60°). EU limit values: 100 g/l (2010.)
This product contains a maximum of 69 g/l VOC.
[Seveso Directive](#)
This product is not controlled under the Seveso Directive.

15.2 Chemical safety assessment : No Chemical Safety Assessment has been carried out.

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 16: Other information

 Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
PBT = Persistent, Bioaccumulative and Toxic
vPvB = Very Persistent and Very Bioaccumulative
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
IMDG = International Maritime Dangerous Goods
IATA = International Air Transport Association

Full text of abbreviated H statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Corr. 1B	SKIN CORROSION/IRRITATION - Category 1B
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

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Disclaimer

Code	: 00230508	Date of issue/Date of revision	: 7 May 2025
HYDROCENTRIFUGON PEINTURE NF BASE			

SECTION 16: Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.