

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 1/12

Mabanol Clean 70 Neutral

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

1.1. Product identifier

Trade name/designation:

Mabanol Clean 70 Neutral

UFI:

DY1Y-GU50-CC4W-0A8G

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

Use of the substance/mixture:

Cleaning agent

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Mabanol GmbH & Co. KG

Am Strandkai 1

20457 Hamburg

Germany

Telephone: 0049 (0) 40 36809988

E-mail: info@mabanol.com

Website: www.mabanol.com

E-mail (competent person): giznord@giz-nord.de

1.4. Emergency telephone number

Giftinformationszentrale Göttingen , 24h: 0049 (0) 551 1 92 40

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (Eye Dam. 1)	H318: Causes serious eye damage.	
Hazardous to the aquatic environment (Aquatic Chronic 3)	H412: Harmful to aquatic life with long lasting effects.	
Skin corrosion/irritation (Skin Corr. 1B)	H314: Causes severe skin burns and eye damage.	

2.2. Label elements

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

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 2/12

Mabanol Clean 70 Neutral

Hazard components for labelling:

2-(2-aminoethoxy)ethanol; 1,2-Ethanediamine, N,N,N',N'-tetramethyl-, polymer with 1,1'-oxybis(2-chloroethane)

Hazard statements for health hazards

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
------	--

Supplemental hazard information

EUH208	Contains 2-n-Butyl-benzo[d]isothiazol-3-on. May produce an allergic reaction.
--------	---

Precautionary statements Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements Response

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.
P310	Immediately call a POISON CENTER/doctor/Emergency telephone number.

Additional information:

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 929-06-6 EC No.: 213-195-4 REACH No.: 01-2119520701-52	2-(2-aminoethoxy)ethanol Eye Dam. 1 (H318), Skin Corr. 1B (H314) Danger Acute Toxicity Estimate ATE (oral) 2,560 - 3,000 mg/kg ATE (dermal) > 3,000 mg/kg ATE (inhalation, vapour) > 8.7 mg/L	10 - < 15 weight-%
CAS No.: 31075-24-8 EC No.: 608-578-1	1,2-Ethanediamine, N,N,N',N'-tetramethyl-, polymer with 1,1'-oxybis(2-chloroethane) Acute Tox. 4 (H302, H332), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410) Warning M-factor (acute): 10 Acute Toxicity Estimate ATE (oral) 1,951 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) 2.9 mg/L	0.5 - < 1 weight-%
CAS No.: 90-43-7 EC No.: 201-993-5	biphenyl-2-ol Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning M-factor (acute): 1 M-factor (chronic): 1	0.25 - < 0.5 weight-%

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 3/12

Mabanol Clean 70 Neutral

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 4299-07-4 EC No.: 420-590-7	2-n-Butyl-benzo[d]isothiazol-3-on Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1B (H314), Skin Sens. 1 (H317) M-factor (acute): 10 M-factor (chronic): 1	0.25 - < 0.5 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Remove affected person from the danger area and lay down. When in doubt or if symptoms are observed, get medical advice.

Following inhalation:

Remove casualty to fresh air and keep warm and at rest.

In case of skin contact:

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

Following ingestion:

Do NOT induce vomiting. Rinse mouth immediately and drink 1 glass of water. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No 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 media:

Foam. Extinguishing powder. Carbon dioxide (CO₂). Water spray jet. Water mist.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire: Gases/vapours, toxic.

In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide.

5.3. Advice for firefighters

Do not inhale explosion and combustion gases. Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 4/12

Mabanol Clean 70 Neutral

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

For containment:

Cover drains. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

For cleaning up:

Clear spills immediately. Wipe up with absorbent material (eg. cloth, fleece). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Ventilate affected area. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). Avoid contact with skin, eyes and clothes.

Provide adequate ventilation. Handle and open container with care.

Fire prevent measures:

Usual measures for fire prevention.

Environmental precautions:

Do not allow to enter into surface water or drains.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin. Wash hands before breaks and after work. Apply skin care products after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Used working clothes should not be worn outside the work area. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep/Store only in original container. Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product. Protect containers against damage.

Floors should be impervious, resistant to liquids and easy to clean.

Hints on storage assembly:

Keep away from: Oxidizing agent.

Do not store together with: Food and feedingstuffs.

Storage class (TRGS 510, Germany): 8A - Combustible corrosive substances

Further information on storage conditions:

Recommended storage temperature: 5 - 40 °C.

Protect against: Heat. Frost. UV-radiation/sunlight.

storage stability: max. 12 month(s).

7.3. Specific end use(s)

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 5/12

Mabanol Clean 70 Neutral

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE) from 2 Mar 2015	2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	① 0.2 ppm (0.87 mg/m ³) ② 0.2 ppm (0.87 mg/m ³) ⑤ (Aerosol und Dampf, kann über die Haut aufgenommen werden) DFG, H, Sh, 11
TRGS 900 (DE) from 4 Nov 2016	biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	① 5 mg/m ³ ② 5 mg/m ³ ⑤ (Aerosol und Dampf, einatembare Fraktion) DFG, Y, 11

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	1.12 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	0.67 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	7.3 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	19.25 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	21.84 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects

Substance name	PNEC Value	① PNEC type
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	0.0202 mg/L	① PNEC aquatic, freshwater
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	0.0202 mg/L	① PNEC aquatic, marine water
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	28 mg/L	① PNEC sewage treatment plant
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	0.945 mg/kg	① PNEC sediment, freshwater
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4	0.0945 mg/kg	① PNEC sediment, marine water

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 6/12

Mabanol Clean 70 Neutral

Substance name	PNEC Value	① PNEC type
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	0.0009 mg/L	① PNEC aquatic, freshwater
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	0.00009 mg/L	① PNEC aquatic, marine water
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	0.56 mg/L	① PNEC sewage treatment plant
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5	0.1284 mg/kg	① PNEC sediment, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Technical measures and the application of suitable work processes have priority over personal protection equipment.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection (EN 166).

Skin protection:

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves must be worn (EN ISO 374). Do not wear gloves near rotary machines and tools.

Wearing time with permanent contact:

Thickness of the glove material: 0,70 mm. Breakthrough time:: > 480 min.

Suitable material: NBR (Nitrile rubber).

Wearing time with occasional contact (splashes):

Thickness of the glove material: 0,40 mm. Breakthrough time:: > 30 min.

Suitable material: NBR (Nitrile rubber).

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Check leak tightness/impermeability prior to use.

Suitable protective clothing: Not readily flammable.

Respiratory protection:

Usually no personal respiratory protection necessary.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection necessary at: exceeding exposure limit values. insufficient ventilation. aerosol or mist formation.

Suitable respiratory protection apparatus: Combination filtering device.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Odour: not determined

Colour: yellow

flammability: No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 7/12

Mabanol Clean 70 Neutral

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	9.6	20 °C	① DIN 51369 ② 3 weight-%
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	> 100 °C		② 1013 hPa
Flash point	> 100 °C		① EN ISO 2592
Evaporation rate	No data available		
Auto-ignition temperature	No data available		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Density	1.08 g/cm ³	15 °C	① DIN EN ISO 12185
Bulk density	not applicable		
Water solubility	miscible	20 °C	
Dynamic viscosity	No data available		
Kinematic viscosity	≈ 17 mm ² /s	20 °C	① EN ISO 3104

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

1,2-Ethanediamine, N,N,N',N'-tetramethyl-, polymer with 1,1'-oxybis(2-chloroethane)

CAS No.: 31075-24-8 EC No.: 608-578-1

LD₅₀ oral: 1,951 mg/kg (Rabbit)

LD₅₀ dermal: >2,000 mg/kg (Rat)

LC₅₀ Acute inhalation toxicity (dust/mist): 2.9 mg/L 4 h (Rat)

2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4

LD₅₀ oral: 2,560 - 3,000 mg/kg (Rat)

LD₅₀ dermal: >3,000 mg/kg (Rabbit) OECD 402

LC₅₀ Acute inhalation toxicity (vapour): >8.7 mg/L 8 h (Rat)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 8/12

Mabanol Clean 70 Neutral

Acute oral toxicity:

No data available. The statement is derived from the properties of the single components.
Based on available data, the classification criteria are not met.

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

Causes severe skin burns and eye damage.

Serious eye damage/irritation:

Causes serious eye damage.

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:

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.
For viscosity data, see section 9.

Additional information:

Frequently or prolonged contact with skin may cause dermal irritation.

11.2. Information on other hazards

Endocrine disrupting properties:

No information available.

SECTION 12: Ecological information

12.1. Toxicity

1,2-Ethanediamine, N,N,N',N'-tetramethyl-, polymer with 1,1'-oxybis(2-chloroethane)

CAS No.: 31075-24-8 EC No.: 608-578-1

LC₅₀: 0.047 mg/L 4 d (fish, *Oncorhynchus mykiss* (Rainbow trout))

NOEC: 0.037 mg/L 4 d (fish, *Oncorhynchus mykiss* (Rainbow trout))

EC₅₀: 0.37 mg/L 2 d (crustaceans, *Daphnia magna* (Big water flea))

NOEC: 0.08 mg/L 2 d (crustaceans, *Daphnia magna* (Big water flea))

2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4

LC₅₀: 460 mg/L 4 d (fish, *Leuciscus idus* (golden orfe)) DIN 38412 / part 15

EC₅₀: 190 mg/L 2 d (crustaceans, *Daphnia magna* (Big water flea)) OECD 202

EC₅₀: 162 mg/L 3 d (Algae/water plant)

Aquatic toxicity:

Harmful to aquatic life.

Additional ecotoxicological information:

There are no data available on the mixture itself. The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

Do not allow uncontrolled discharge of product into the environment.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 9/12

Mabanol Clean 70 Neutral

12.2. Persistence and degradability

Biodegradation:

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

1,2-Ethanediamine, N,N,N',N'-tetramethyl-, polymer with 1,1'-oxybis(2-chloroethane) CAS No.: 31075-24-8 EC No.: 608-578-1
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
2-(2-aminoethoxy)ethanol CAS No.: 929-06-6 EC No.: 213-195-4
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
biphenyl-2-ol CAS No.: 90-43-7 EC No.: 201-993-5
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
2-n-Butyl-benzo[d]isothiazol-3-on CAS No.: 4299-07-4 EC No.: 420-590-7
Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

07 06 01 *	aqueous washing liquids and mother liquors
------------	--

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1760	UN 1760	UN 1760	UN 1760
14.2. UN proper shipping name			
CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)ETHANOL)	CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)ETHANOL)	CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)ETHANOL)	CORROSIVE LIQUID, N.O.S. (2-(2-AMINOETHOXY)ETHANOL)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026





Print date: 26 Mar 2026

Version: 1



Page 10/12

Mabanol Clean 70 Neutral

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.3. Transport hazard class(es)			
 8	 8	 8	 8
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Special Provisions: LQ 5 I · E 1 Hazard identification number (Kemler No.): 80 Classification code: C9 Tunnel restriction code: (E)	No data available	Special Provisions: LQ 5 I · E 1 · IMDG-Code segregation group 18 - Alkalis EmS-No.: F-A, S-B	Special Provisions: E 1

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU legislation

Restrictions on use:

Use restriction according to REACH annex XVII, no.: 3. 75.

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

Labelling for contents according to regulation (EC) No. 648/2004:

non-ionic surfactants <0,1%

phosphonates <0,1%

Observe in addition any national regulations!

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

Volatile organic compound (VOC) content: 0 weight-%

15.1.2. National regulations

[DE] National regulations

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class

WGK:

2 - obviously hazardous to water

Remark:

Self-classification (mixture; calculation rule).

Other regulations, restrictions and prohibition regulations

No flammable liquid according to BetrSichV.

15.2. Chemical Safety Assessment

No information available.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 11/12

Mabanol Clean 70 Neutral

15.3. Additional information

Water hazard class (WGK): 2 (obviously hazardous to water).

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: Accord européen sur le transport des marchandises dangereuses par Route (International Carriage of Dangerous Goods by Road)

AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC₅₀: Lethal concentration, 50 percent

LD₅₀: Lethal dose, 50 percent

NIOSH: National Institute of Occupational Safety and Health

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect level

NTP: National Toxicology Program

N/A: not applicable

OEL: Occupational Exposure limit (Arbeitsplatzgrenzwert)

OSHA: Occupational Safety and Health Administration

PEL: permissible exposure limit (Zulässiger Expositionsgrenzwert)

PBT: persistent bioaccumulative toxic

PNEC: predicted no effect concentration

REL: Recommended exposure limit (Empfohlene Expositionsgrenze)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

SARA: Superfund Amendments and Reauthorization Act

STEL: Short Term Exposure Limit (Kurzzeitgrenzwert) (15 min)

SVHC: substance of very high concern

TLV: Threshold Limit Values (Schwellwert Grenzwerte)

TRGS Technische Regeln für Gefahrstoffe

TSCA: Toxic Substances Control Act

TWA: Time Weighted Average (Zeitlich gewichteter Mittelwert) (8 h)

VOC: Volatile Organic Compounds

vPvB: very persistent and very bioaccumulative

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

16.3. Key literature references and sources for data

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 26 Mar 2026

Print date: 26 Mar 2026

Version: 1



Page 12/12

Mabanol Clean 70 Neutral

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	
Skin corrosion/irritation (<i>Skin Corr. 1B</i>)	H314: Causes severe skin burns and eye damage.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H302	Harmful if swallowed.
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.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.