

| | | according to Regulation (EC) | No 1907/2006 (REACH) a | as amended | |
|-------|---|--|---|--|--|
| | | May-Grü | nwald solution | | |
| Creat | ion date | 20th September 2019 | | | |
| Revis | on date | 19th August 2022 | Version | 2.0 | |
| SECT | ION 1: Identification | of the substance/mixture | and of the company/un | ndertaking | |
| 1.1. | Product identifier | | May-Grünwald so | olution | |
| | Substance / mixture | | mixture | | |
| | UFI | | D3AV-11NP-100N | N-S1S1 | |
| | Other mixture names | | | | |
| | May-Grünwald | | | | |
| 1.2. | Relevant identified | uses of the substance or r | mixture and uses advise | ed against | |
| | Mixture's intended | use | | | |
| | | | | and the second | |
| | Chemical production, | analytical chemistry, laborate | ory synthesis, industrial ap | oplications. | |
| | Chemical production, Mixture uses advise | | ory synthesis, industrial ap | oplications. | |
| | Mixture uses advise | | | | |
| 1.3. | Mixture uses advise The product should n | ed against | those referred in Section | | |
| 1.3. | Mixture uses advise The product should n | ed against ot be used in ways other ther | those referred in Section | | |
| 1.3. | Mixture uses advise The product should no Details of the suppl | ed against ot be used in ways other ther lier of the safety data shee | those referred in Section | 1. | |
| 1.3. | Mixture uses advise The product should n Details of the suppl Supplier | ed against ot be used in ways other ther lier of the safety data shee | n those referred in Section e t Ing. Petr Švec - F | 1. | |
| 1.3. | Mixture uses advise The product should n Details of the suppl Supplier Name or trade | ed against ot be used in ways other ther lier of the safety data shee | n those referred in Section e t Ing. Petr Švec - F | 1. PENTA s.r.o. | |
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| 1.3. | Mixture uses advise The product should no Details of the suppl Supplier Name or trade Address Identification no VAT Reg No Phone E-mail Web address | ed against ot be used in ways other ther lier of the safety data shee name | n those referred in Section et Ing. Petr Švec - F Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 68 info@pentachemi www.pentachemi | 1. PENTA s.r.o. Praha 10, 102 00 31 icals.eu | |
| 1.3. | Mixture uses advise The product should no Details of the suppl Supplier Name or trade Address Identification no VAT Reg No Phone E-mail Web address | ed against ot be used in ways other ther lier of the safety data shee name umber (CRN) | n those referred in Section et Ing. Petr Švec - F Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 68 info@pentachemi www.pentachemi | 1. PENTA s.r.o. Praha 10, 102 00 31 icals.eu icals.eu | |
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| 1.3. | Mixture uses advise The product should ne Details of the suppl Supplier Name or trade Address Identification ne VAT Reg No Phone E-mail Web address Competent person Name | ed against ot be used in ways other ther lier of the safety data shee name umber (CRN) responsible for the safety | n those referred in Section t Ing. Petr Švec - F Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 68 info@pentachemi www.pentachemi data sheet Ing. Petr Švec - F | 1. PENTA s.r.o. Praha 10, 102 00 B1 iccals.eu iccals.eu PENTA s.r.o. | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008 The mixture is classified as dangerous.

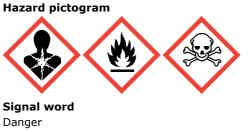
Flam. Liq. 2, H225 Acute Tox. 3, H301+H311+H331 STOT SE 1, H370

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Highly flammable liquid and vapour. **Most serious adverse effects on human health and the environment** Causes damage to organs. Toxic if swallowed, in contact with skin or if inhaled.

2.2. Label elements





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Hazardous substances

| methanol Methylene blue hydrate Eosin Y disodium salt | |
|---|---|
| Hazard statements | |
| H225 | Highly flammable liquid and vapour. |
| H370 | Causes damage to organs. |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled. |
| Precautionary statements | |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P260 | Do not breathe vapours. |
| P280 | Wear protective gloves/protective clothing. |
| P301+P310 | IF SWALLOWED: Immediately call a doctor. |
| P308+P311 | IF exposed or concerned: Call a doctor. |
| Supplemental information | |
| | Restricted to professional users. |

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|---|------------------------|------------------------|--|------|
| Index: 603-001-00-X CAS: 67-56-1 EC: 200-659-6 Registration number: 01-2119433307-44- xxxx | methanol | >99 | Flam. Liq. 2, H225 Acute Tox. 3, H301, H311, H331 STOT SE 1, H370 Specific concentration limit: STOT SE 1, H370: $C \ge 10 \%$ STOT SE 2, H371: 3 % $\le C < 10 \%$ | 1, 2 |
| CAS: 122965-43-9 EC: 200-515-2 | Methylene blue hydrate | <0,25 | Acute Tox. 4, H302 | |
| CAS: 17372-87-1 EC: 241-409-6 Registration number: 01-2120138551-62- xxxx | Eosin Y disodium salt | <0,25 | Skin Sens. 1, H317 Eye Irrit. 2, H319 | |

Notes

1 A substance for which exposure limits are set.

2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.



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SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Take care of your own safety, do not let the affected person walk! Terminate the exposure immediately; move the affected person to fresh air. Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

If on skin

Remove contaminated clothes. Take off any rings, watches, bracelets before or during washing if worn in the contaminated areas of the skin. Depending on the situation, call the medical rescue service and always ensure medical treatment. Rinse contaminated areas with a flow of water, lukewarm at best, for 10-30 minutes; do not use any brush, soap or neutralizers. Rinse skin with water or shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

If swallowed

INDUCE VOMITING! Vomiting should be induced in the person only if conscious, within 1 hour from ingestion. If in doubt whether vomiting should be induced, contact the Toxicological Information Centre and give information about the substances or composition of the product as provided on the original packaging or in the safety data sheet of the product. FOLLOWING INGESTION OF TOXIC OR HIGHLY TOXIC SUBSTANCES, GIVE 10-20 CRUSHED TABLETS OF ACTIVATED CARBON, MIXED IN WATER, WITHIN NO LATER THAN 5 MINUTES - irrespective of whether vomiting could be induced. Call medical rescue service.

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

If inhaled

Cough, headache. **If on skin** not available **If in eyes** Not expected. **If swallowed** Irritation, nausea.

4.3. Indication of any immediate medical attention and special treatment needed Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.



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5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Highly flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes. No smoking. Do not eat, drink or smoke when using this product. Wash hands and exposed parts of the body thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Recommended storage temperature 15-25°C.

max 25 °C

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

7.3. Specific end use(s)

In hematology.

Storage temperature

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

| European Union | Com | mission Directive 2006/15/EC | |
|----------------------------|-------------|------------------------------|-------|
| Substance name (component) | Туре | Value | Note |
| mothanal (CAS) 67 E6 1) | OEL 8 hours | 260 mg/m ³ | Skin |
| methanol (CAS: 67-56-1) | OEL 8 hours | 200 ppm | SKIII |



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8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product (butyl rubber, Viton). Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

Use insulating breathing apparatus when the exposition limits of the substances are exceeded or at the place with insufficient ventilation.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| · · · · · · | |
|--|----------------------------------|
| Physical state | liquid |
| Colour | blue |
| Odour | containing alcohol |
| Melting point/freezing point | -98 °C |
| Boiling point or initial boiling point and boiling range | 65 °C |
| Flammability | data not available |
| Lower and upper explosion limit | |
| bottom | 36.5 % |
| upper | 5.5 % |
| Flash point | 11 °C |
| Auto-ignition temperature | data not available |
| Decomposition temperature | data not available |
| pH | data not available |
| Kinematic viscosity | data not available |
| Solubility in water | data not available |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | data not available |
| Density and/or relative density | |
| Density | 0.793 g/cm ³ at 20 °C |
| Relative vapour density | data not available |
| Particle characteristics | data not available |
| Other information | |
| | |

9.2. Other inform not available

SECTION 10: Stability and reactivity

10.1. Reactivity

- not available
- 10.2. Chemical stability
- The product is stable under normal conditions.
- **10.3.** Possibility of hazardous reactions Unknown.



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10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Causes damage to organs. Toxic if swallowed, in contact with skin or if inhaled.

| Eosin Y disodium salt | | | | | | |
|-----------------------|-----------|----------|-------------|------------------|----------------------------|-----|
| Route of exposure | Parameter | Method | Value | Exposure time | Species | Sex |
| Oral | LD50 | OECD 423 | >2000 mg/kg | | Rat (Rattus norvegicus) | |
| Dermal | LD50 | OECD 402 | >2000 mg/kg | | Rat (Rattus norvegicus) | |

| methanol | | | | | | |
|--------------------|-----------|--------|-------------|------------------|---------|-----|
| Route of exposure | Parameter | Method | Value | Exposure time | Species | Sex |
| Oral | LD50 | | 5628 mg/kg | | Rat | |
| Dermal | LD50 | | 15800 mg/kg | | Rat | |
| Inhalation (vapor) | LC50 | | 64000 mg/kg | 4 hours | Rat | |

Methylene blue hydrate

| Route of exposure | Parameter | Method | Value | Exposure time | Species | Sex | |
|-------------------|-----------|--------|-------------|------------------|---------|-----|--|
| Oral | LD50 | | 1 180 mg/kg | | Rat | | |

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.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.



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Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Causes damage to organs.

Toxicity for specific target organ - 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

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

not available

Acute toxicity

| Eosin Y disodium salt | | | | | | |
|-----------------------|-----------|---------------|----------------------------|-------------|--------|--|
| Parameter | Value | Exposure time | Species | Environment | Source | |
| LC50 | 1200 mg/l | 48 hours | Fish (Oryzias latipes) | | | |
| EC₅o | >100 mg/l | 48 hours | Daphnia (Daphnia magna) | | | |

| methanol | | | | | | |
|-----------|---------------|---------------|------------------------------------|-------------|--------|--|
| Parameter | Value | Exposure time | Species | Environment | Source | |
| LC50 | 29400 mg/l | 96 hours | Fish | | | |
| EC₅o | >10 000 mg/kg | 48 hours | Daphnia (Daphnia magna) | | | |
| EC₅o | 8 000 mg/l | 96 hours | Algae (Scenedesmus subspicatus) | | | |

Methylene blue hydrate

| Parameter | Value | Exposure time | Species | Environment | Source |
|-----------|------------|---------------|-------------------------------|-------------|----------------------|
| EC₅o | 2 260 mg/l | 48 hours | Daphnia (Daphnia magna) | | Databáze (ECOTOX) |
| LC50 | 45 mg/l | 96 hours | Fish (Pimephales promelas) | | Databáze (ECOTOX) |

12.2. Persistence and degradability

not available

Biodegradability

| methanol | | | | | |
|-----------|-------------|---------------|-------------|----------------------|--|
| Parameter | Value | Exposure time | Environment | Result | |
| | 71.5 - 95 % | 5 - 20 days | Fresh water | Easily biodegradable | |



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12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects Not available.

NOL availabl

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

UN 1992

14.2. UN proper shipping name

FLAMMABLE LIQUID, TOXIC, N.O.S. (May-Grünwald solution (contains methanol, methylene blue with eosine))

- 14.3. Transport hazard class(es)
 - 3 Flammable liquids
- 14.4. Packing group
 - II substances presenting medium danger
- 14.5. Environmental hazards
 - not relevant
- **14.6.** Special precautions for user not available
- **14.7.** Maritime transport in bulk according to IMO instruments not relevant



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| Additional in | formation | | | | | | |
| Hazard id | lentification No. | 336 | | | | | |
| UN numb | er | 1992 | | | | | |
| Classifica | tion code | FT1 | | | | | |
| Safety sig | jns | 3+6.1 | | | | | |
| | | | | | | | |
| Air transport | - ICAO/IATA | | | | | | |
| | g instructions passenger | 352 | | | | | |
| | ckaging instructions | 364 | | | | | |
| Marine trans | - | | | | | | |
| | ergency plan) | F-E, S-D | | | | | |
| MFAG | | 310 | | | | | |

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

| methanol | |
|-------------|---|
| Restriction | Conditions of restriction |
| 69 | Shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight. |

15.2. Chemical safety assessment

not available

SECTION 16: Other information

| A list of standard risk phrases used in the safety data sheet | | | | |
|---|---|--|--|--|
| H225 | Highly flammable liquid and vapour. | | | |
| H301 | Toxic if swallowed. | | | |
| H302 | Harmful if swallowed. | | | |
| H311 | Toxic in contact with skin. | | | |
| H317 | May cause an allergic skin reaction. | | | |
| H319 | Causes serious eye irritation. | | | |
| H331 | Toxic if inhaled. | | | |
| H370 | Causes damage to organs. | | | |
| H371 | May cause damage to organs. | | | |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled. | | | |



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| Guidelines for sa | afe handling used in the safety | data sheet | | | | |
| P210 | No smoking. | | s, open flames and other ignition sources. | | | |
| P233 | Keep container tigh | | | | | |
| P260 | Do not breathe vap | | | | | |
| P280 | | ves/protective clothing | - | | | |
| P301+P310 | | nmediately call a docto | br. | | | |
| P308+P311 | information about human hea | erned: Call a doctor. | | | | |
| The product must as per the Section | not be - unless specifically appro 1. The user is responsible for adl tions and acronyms used in the | ved by the manufactu herence to all related h e safety data sheet | | | | |
| ADR | | nt concerning the inter | national carriage of dangerous goods by | | | |
| PCE | road Bioconcentration Fa | octor | | | | |
| BCF | | | | | | |
| CAS CLP | Chemical Abstracts Regulation (EC) No substance and mixt | 1272/2008 on classific | cation, labelling and packaging of | | | |
| EC | Identification code | for each substance list | ed in EINECS | | | |
| EC50 | Concentration of a | substance when it is af | ffected 50% of the population | | | |
| EINECS | | | ial Chemical Substances | | | |
| EmS | Emergency plan | 5 | | | | |
| EU | European Union | | | | | |
| EuPCS | European Product C | Categorisation System | | | | |
| ΙΑΤΑ | International Air Tr | ansport Association | | | | |
| IBC | International Code Dangerous Chemica | | And Equipment of Ships Carrying | | | |
| ICAO | International Civil A | viation Organization | | | | |
| IMDG | International Mariti | me Dangerous Goods | | | | |
| IMO | International Mariti | me Organization | | | | |
| INCI | International Nome | nclature of Cosmetic I | ngredients | | | |
| ISO | International Orgar | ization for Standardiza | ation | | | |
| IUPAC | International Union | of Pure and Applied C | hemistry | | | |
| LC50 | population | | ich it can be expected death of 50% of the | | | |
| LD50 | population | | be expected death of 50% of the | | | |
| log Kow | Octanol-water parti | | | | | |
| OEL | Occupational Expos | | | | | |
| PBT | Persistent, Bioaccui | nulative and Toxic | | | | |
| ppm | Parts per million | | | | | |
| REACH | | | d Restriction of Chemicals | | | |
| RID | - | ransport of dangerous | | | | |
| UN | Model Regulations | | ubstance or article taken from the UN | | | |
| UVCB | biological materials | | osition, complex reaction products or | | | |
| VOC | Volatile organic con | | | | | |
| vPvB | Very Persistent and | very Bioaccumulative | | | | |
| Acute Tox. | Acute toxicity | | | | | |
| Eye Irrit. | Eye irritation | | | | | |
| , Flam. Liq. | Flammable liquid | | | | | |



| | SAFETY I | DATA SHEET | |
|-------------------------------------|---------------------------------|---------------------------|---|
| | according to Regulation (EC) I | No 1907/2006 (REACH) | as amended |
| | May-Grün | wald solution | |
| Creation date | 20th September 2019 | | |
| Revision date | 19th August 2022 | Version | 2.0 |
| Skin Sens. | Skin sensitization | | |
| STOT SE | Specific target orga | n toxicity - single expos | sure |
| Training guide | lines | | |
| Inform the pers ways of handling | | s of use, mandatory pro | tective equipment, first aid and prohibite |
| Recommended | l restrictions of use | | |
| not available | | | |
| Information al | bout data sources used to compi | le the Safety Data Sh | eet |
| REGULATION (E | , . | AN PARLIAMENT AND | OF THE COUNCIL (REACH) as amende OF THE COUNCIL as amended. Data fro registration dossiers. |
| The changes (| which information has been add | ed, deleted or modifie | ed) |
| The version | 2.0 replaces the CDC version | - frame 20.0.2010 | Changes were reade in easting |

The version 2.0 replaces the SDS version from 20.9.2019. Changes were made in sections 1,2,3,4,6,7,8,10,11,12,13,14,15 and 16.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.