

blaugelb Primer 33

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

1.1 Product identifier:

Product name : blaugelb Primer 33
 Synonyms : -
 REACH registration number : -
 REACH product type : Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against:1.2.1. Relevant identified uses

Paints and varnishes

1.2.2. Uses advised against

No known use advised against

1.3 Details of the supplier of the safety data sheet:

Meesenburg Großhandel KG
 Westerallee 162
 D-24941 Flensburg
 Tel.: +49 (0)461 5808-0
 Fax: +49 (0)461 5808 1101
 E-mail: stuttgart@meesenburg.de

1.4 Emergency telephone number:

+49 (0)89-19240 (24 h) (German & English)

Section 2: Hazards identification

2.1. Classification of the substance or mixture:

The mixture is classified as dangerous within the meaning of Regulation (EC) No 1272/2008 [CLP].

Class	Category	Hazard statements
Flam. Liq. 2 / H225	Flammable liquid	Highly flammable liquid and vapour
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation
STOT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long-lasting effects

The product is classified as dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

Class	Category	Hazard statements
F; R11	Highly flammable	Highly flammable
Xi; R36/38	Irritant	Irritating to eyes and skin
N; R51-53	Dangerous for the environment	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67		Vapours may cause drowsiness and dizziness

SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EC) No 453/2010

2.2. Label elements:

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms



Signal word

Danger

H statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

P statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P370 + P378	In case of fire: Use dry powder extinguisher or sand for extinction.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a cool and well ventilated area
P405	Store in closed packaging.
P501	Dispose of contents/container to an industrial waste incineration plant.

Contains: propan-2-ol

Additional information on hazards (EU) N/A

Labelling in accordance with Directive 67/548/EEC or 1999/45/EC

F	Highly flammable
Xi	Irritant
N	Dangerous for the environment

SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EC) No 453/2010



Risk phrases

11	Highly flammable.
36/38	Irritating to eyes and skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

Safety phrases

2	Keep out of the reach of children.
16	Keep away from sources of ignition – No smoking.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
29	Do not empty into drains.
46	If swallowed, seek medical advice immediately and show this container or label.
51	Use only in well-ventilated areas.
23	Do not breathe vapour.

Contains: n.a.

Exceptional labelling for special mixtures n.a.

2.3. Other hazards: /

Section 3: Composition/information on ingredients

3.1. Substances:

Not applicable

3.2. Mixtures:

Product description/chemical identity

Description Colour

Hazardous ingredients

Classification in accordance with Regulation (EC) No 1272/2008[CLP]

EC No CAS No EU identification number	REACH registration number Chemical name Classification	Wt % Comment
200-661-7 67-63-0 603-117-00-0	01-2119457558-25 Propan-2-ol Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	25-50
927-510-4	01-2119475515-33 Flam. Liq. 2 H225 / Skin Irrit. 2 H315 / Aquatic Chronic 2 H411 / Asp. Tox. 1 H304 / STOT SE 3 H336	25-50
203-625-9 108-88-3 601-021-00-3	01-21194771310-51 Toluene Flam. Liq. 2 H225 / Repr. 2 H361 / Asp. Tox. 1 H304 / STOT RE 2 H373 / Skin Irrit. 2 H315 / STOT SE 3 H336	1-2.5

Labelling in accordance with Directive 67/548/EEC or 1999/45/EC

EC No CAS No EU identification number	REACH registration number Chemical name Classification	Wt % Comment
200-661-7 67-63-0 603-117-00-0	01-2119457558-25 Propan-2-ol F; R411 / Xi; R36 / R67	25-50
927-510-4	01-2119475515-33 Hydrocarbons, C7-9, n-alkanes, isoalkanes, cyclics F; R11 / Xi; R38 / N; R51-53 / Xn; R65 / R67	25-50
203-625-9 108-88-3 601-021-00-3	01-21194771310-51 Toluene F; R11 / Repr.Cat.3; R63 / Xn; R48/20-65 / Xi; R38 / R67	1-2.5

Other information

For R phrases in full: see section 16.

For H statements in full: see section 16.

Section 4: First aid measures

4.1 Description of first aid measures:

General: If symptoms appear or in case of doubt, get medical advice/attention. If unconscious, do not give anything by mouth, place the affected person on their side and call a doctor.

After inhalation: Move the victim to fresh air, wrap in a blanket and keep at rest. Give artificial respiration if breathing is irregular or stopped.

After skin contact: Remove/take off immediately soiled or impregnated garments. After contact with skin, immediately wash with plenty of water and soap. Do not use solvents or diluents.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

After ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Get immediate medical advice/attention. Keep the victim at rest. DO NOT induce vomiting.

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

If symptoms appear or in case of doubt, get medical advice/attention.

4.3 Indication of any immediate medical attention and special treatment needed:

Indicated below, if available and applicable.

Section 5: Firefighting measures

5.1 Extinguishing media:

5.1.1 Suitable extinguishing media:

Alcohol resistant foam, carbon dioxide, powder, mist, (water)

5.1.2 Unsuitable extinguishing media:

Solid water jet

5.2 Special hazards arising from the substance or mixture:

If burning, production of thick black smoke. Inhalation of hazardous decomposition products presents a serious health hazard.

5.3 Advice for firefighters:

Have respiratory protective equipment available. Cool with water any closed containers located near the fire area. Do not release extinguishing water into drains, soil or aquatic environments.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Keep away from open flames and other ignition sources. Ventilate the area concerned. Do not breathe vapour.

6.1.1 Protective equipment for non-emergency personnel

See 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Protective clothing.

Appropriate protective clothing: See 8.2

6.2 Environmental precautions:

Do not release into drains or watercourses. In case of pollution of watercourses, lakes or pipe systems, inform the relevant authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up:

Contain old product using a non-flammable absorbent (such as sand, earth, vermiculite, diatomite) and dispose of in accordance with local directives placing it in containers provided for this purpose (cf. section 13). Then clean up with detergents. Do not use solvents.

6.4 Reference to other sections:

Comply with the protection instructions (see sections 7 and 8).

Section 7: Handling and storage

7.1 Precautions for safe handling:

Handling precaution

Prevent creation of explosive or flammable concentrations of vapour in the air higher than the occupational exposure limits. Only use the product in locations away from naked flames, hearths or other ignition sources. Electrical appliances should be protected in accordance with applicable standards. The product may become electrostatically charged. Provide a protective earth for containers, equipment, pumps and suction/extraction devices. The wearing of antistatic garments and shoes is advised. Floor surfaces must be able to conduct electricity. Keep away from any source of heat, sparks or open flames. Use non-sparking tools. Avoid any contact with skin, eyes and clothing. Do not breathe dust, particles or spray when using this preparation. Avoid breathing grinding dust. Do not eat, drink or smoke during use. Personal protection: cf. section 8. Never empty the vessel using pressure – it is not a pressure vessel! Always store in containers of the same material as the original container. Follow statutory protection and safety instructions.

Protection against fire and explosion

The vapours are heavier than air. The vapours form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements relating to storage areas and containers

Storage in accordance with the company's safety instructions. Keep the container tightly closed. Never empty the vessel using pressure – it is not a pressure vessel! No smoking. No admission for unauthorised persons. Take care to store the closed containers vertically to prevent any product

spillage. Floor surfaces must comply with the "Guidelines on the avoidance of ignition hazards due to static electricity" (TRBS 2153).

Advice on joint storage

Keep away from acid and alkaline substances and oxidising agents.

Other information on storage conditions

Follow the instructions on the label. Store in dry, well ventilated premises between 15°C and 30°C. Protect from heat and direct sunlight. Keep the container tightly closed. Remove all ignition sources. No smoking. No admission for unauthorised persons. Take care to store the closed containers vertically to prevent any product spillage.

7.3 Specific end use(s):

Refer to the technical specifications data sheet. Follow the instructions for use.

Section 8: Exposure controls/personal protection

8.1 Control parameters:

8.1.1 Personal exposure limit values

Toluene

EU identification number 601-021-00-3 / EC No 203-625-9 / CAS No 108-88-3

VRC, VME: 76.8 mg/m³; 20 ppm

VRC, VLE: 384 mg/m³; 100 ppm

Comment: (May be absorbed through the skin.)

propan-2-ol

EU identification number 603-117-00-0 / EC No 200-661-7 / CAS No 67-63-0

VLA, VLE: 980 mg/m³; 400 ppm

Other information

VME: limit value for long term occupational exposure

VLE: limit value for short term occupational exposure

Ceiling: peak limitation

8.1.2 DNEL values

Toluene

EU identification number 601-021-00-3 / EC No 203-625-9 / CAS No 108-88-3

DNEL long-term systemic effects dermal, workers: 384 mg/kg

DNEL acute local effects inhalation, workers: 384 mg/m³

DNEL acute systemic effects inhalation, workers: 384 mg/m³

DNEL long-term local effects inhalation, workers: 192 mg/m³

DNEL short-term acute effects oral, consumer: 226 mg/kg

DNEL long-term systemic effects dermal, consumer: 226 mg/kg

DNEL acute local effects inhalation, consumer: 226 mg/m³

DNEL long-term systemic effects inhalation, consumer: 56.5 mg/m³

8.1.3 PNEC values

Toluene

EU identification number 601-021-00-3 / EC No 203-625-9 / CAS No 108-88-3

PNEC water, freshwater: 0.68 mg/L

PNEC water, marine water: 0.68 mg/L

PNEC sediment, freshwater: 16.39 mg/kg

PNEC sediment, marine water: 16.39 mg/kg

PNEC, soil: 2.89 mg/kg

PNEC sewage treatment plant (STP): 13.61 mg/L

8.2 Exposure controls:

Ensure good ventilation. This may be obtained by local or spatial extraction. If this is not adequate to keep the concentration of aerosol and spray vapours below the occupational exposure limit value, self-contained respiratory protective equipment should be worn.

8.2.1. Appropriate engineering controls

Ensure good ventilation. This may be obtained by local or spatial extraction. If this is not adequate to keep the concentration of aerosol and spray vapours below the occupational exposure limit value, self-contained respiratory protective equipment should be worn.

8.2.2 Individual protection measures, such as personal protective equipment

Respiratory protection: If the concentration of the sprayed product is above the occupational exposure limit value, self-contained respiratory protective equipment should be worn. Wear time limits should be observed in accordance with the GefStoffV rules governing the use of respiratory protective equipment. Only use respiratory protective equipment that bears the CE mark and four-digit inspection code.

Hand protection: For long-term or repeated handling, use protective handling gloves: NBR (Nitrile rubber). Thickness of glove material > 0.4 mm; Penetration time (maximum wear time) > 480 min. Follow the manufacturer's instructions and recommendations during use, storage, care and replacement of gloves. Leak tightness of gloves depends on the intensity and duration of skin exposure. Gloves approved to DIN EN 374 are recommended. Protective creams can help protect exposed skin areas. After skin contact, do not use them under any circumstances.

Eye protection: If there is risk of splashing, wear tightly sealed protective goggles.

Skin protection: Wear antistatic garments made of natural fibres (cotton) or heat resistant fibres.

Protective measure: After skin contact, wash thoroughly with soap and water or use an appropriate detergent.

8.2.3 Environmental exposure controls:

Do not release into drains or watercourses. See section 7. Additional measures are not necessary.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance	Liquid
Odour	Characteristic
Odour threshold	No information available
Colour	Cf. label
Particle size	No information available
Flammability limits	No information available
Flammability	No information available
Log Kow	No information available
Viscosity at 20°C	< 150 s 4 mm (DIN 53211)
Melting point	No information available
Boiling point	No information available
Flash point	-5°C (DIN 53213)
Evaporation rate	No information available
Relative vapour density	No information available
Vapour pressure	23.69 mbar
Water solubility (g/L)	Miscible
Density at 20°C	0.75 g/cm ³
Vapour pressure at 20°C	23.69 mbar
Decomposition temperature	No information available
Auto-ignition temperature	246°C
Lower explosive limit	2.0 Vol-%
Upper explosive limit	12.0 Vol-%
Solids content (%)	2.09 Wt %
Solvent content:	
Organic solvents	98 Wt %
Water	0 Wt %
pH at 20°C	-

9.2 Other information: /

Section 10: Stability and reactivity

10.1 Reactivity: /

10.2 Chemical stability:

Stable product if storage and use conditions are complied with. Additional information on appropriate storage method: see section 7.

10.3 Possibility of hazardous reactions:

Keep away from strong acids, strong bases and strong oxidising agents, to prevent exothermic reactions.

10.4 Conditions to avoid:

If exposed to high temperatures, hazardous decomposition products may be created.

10.5 Incompatible materials:

No information available

10.6 Hazardous decomposition products:

If exposed to high temperatures, hazardous decomposition products may be created, for example: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

No data exists on the preparation itself.

Section 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Toluene
oral, LD50, Rat: 5580 mg/kg
dermal, LD50, Rabbit: > 5000 mg/kg
inhalation (vapour), LC50, Rat: 28.1 mg/L (4 h)

Skin corrosion/irritation

No toxicological data.

Sensitisation

No toxicological data.

Specific target organ toxicity

No toxicological data.

Aspiration hazard

No toxicological data.

Knowledge gained in practical experience/on humans

Various observations:
Inhalation of solvents, exceeding the maximum concentration value in the workplace, may be harmful to health, for example, irritation of mucous membranes, respiratory organs and damage to the liver, kidneys and central nervous system. The signs are: headaches, dizziness, fatigue, myasthenia, semi-conscious state, and in the most serious cases: unconsciousness. Sprayed products may cause certain of the effects mentioned due to dermal absorption. Prolonged or repeated contact with this product dries the skin and may cause non-allergic skin irritation (contact dermatitis) and/or risk of causing absorption of harmful substances. Splashes in the eyes may cause reversible irritation and damage.

Summary assessment of CMR properties

The ingredients in this mixture do not meet the criteria for CMR classification, category 1 or 2 in accordance with Directive 67/548/EEC.
The preparation has been assessed based on the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for its toxicological properties. See sections 2 and 15 for further details.

General assessment

No data exists on the preparation itself.
Do not release into drains or watercourses.

Section 12: Ecological information

12.1 Toxicity:

Toluene
Toxicity for fish, LC50: 5.5 mg/L (96 h)
Toxicity for daphnia, EC50: 3.8 mg/L (48 h)
Toxicity for algae, ErC50: 12.5 mg/L

12.2 Persistence and degradability:

No toxicological data.

12.3 Bioaccumulative potential:

No toxicological data.

12.4 Mobility in soil:

No toxicological data.

12.5 Results of PBT and vPvB assessment:

The substances contained in the mixture do not meet the criteria for PBT and vPvB substances listed in Annex XIII of the REACH Regulation.

12.6 Other adverse effects: /

Section 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal/Product/Recommendation

Do not release into drains or watercourses. This product and its container must only be disposed of in an entirely safe way. Disposal in accordance with Directive 2008/98/EC on waste and hazardous waste.

List of proposals for waste/waste description codes as per the European Waste Catalogue

080111 waste paint and varnish containing organic solvents or other hazardous substances

Packaging/Recommendation

Uncontaminated and completely empty packaging may be recycled. Containers not correctly emptied constitute special waste.

Section 14: Transport information

14.1 UN number: 1263

14.2 UN proper shipping name:

Land transport (ADR/RID): Paint
Maritime transport (IDMG): PAINT
Air transport (ICAO-TI / IATA-DGR): Paint

14.4 Packing group: II

14.5 Environmental hazards:

Land transport (ADR/RID) ENVIRONMENTALLY HAZARDOUS
Marine pollutant p / Hydrocarbons, C7-9, n-alkane, is

14.6 Special precautions for user:

Transportation only in closed containers, positioned vertically and securely. Ensure that persons transporting the product know what to do in case of accident or shipwreck. Handling precautions: see sections 6 – 8

Other information

Land transport (ADR/RID): tunnel restriction code: D/E

Maritime transport (IDMG): EmS number: F-E,S-E

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

Section 15: Regulatory information

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

European legislation:

Information relating to Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (DIR-VOC)

VOC value (in g/L) ISO 11890-2: 737

VOC value (in g/L) ASTM D 2369: 737

Conformity with EU Directive 2004/42/EC (AnnexII)

EU limit value for this product (cat. (Cat. B/a)): 850 g/l (2007)/0 g/l (2010).

This product contains max. 737 g/IVOCs.

National directives:

Explanatory notice on occupation restriction:

Take account of the restrictions prescribed by the Directive relating to pregnant workers or workers who have recently given birth or are breastfeeding(92/85/EEC).

Take account of the restrictions prescribed by the Directive on the protection of young people at work (94/33/EC).

Other information, restrictions and legal provisions

15.2 Chemical safety assessment:

The following substances in this preparation have been the subject of a chemical safety assessment:

EC No /CAS No	Chemical name	REACH registration number
927-510-4	Hydrocarbons, C7-9, n-alkanes, isoalkanes, cyclics	01-2119475515-33

Content of R phrases and H statements (number and full text):

Flam. Liq. 2 / H225	Flammable liquid	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
STOT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.
Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Repr. 2 / H361	Reproductive toxicity	Suspected of damaging the unborn child.
STOT RE 2 / H373	Specific target organ toxicity (repeated exposure)	May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure.
F; R11	Highly flammable	Highly flammable

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Repr.Cat.3; R63	Reproductive toxicity Cat.3 (Repr. Cat. 3)	Possible risk of harm to the unborn child.
Xn; R48/20-65	Harmful	Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful: may cause lung damage if swallowed. Harmful: may cause lung damage if swallowed.
Xi; R38	Irritant	Irritating to skin.
R67		Vapours may cause drowsiness and dizziness.
Xi; R36	Irritant	Irritating to eyes.
N; R51-53	Dangerous for the environment	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
Xn; R65	Harmful	Harmful: may cause lung damage if swallowed.

Section 16: Other information

Other information

The information contained in this safety data sheet corresponds to our existing knowledge and to the applicable national and EC provisions. The product must not, without written permission, be employed for any use other than the use given in section 1. The user must understand all the necessary measures to be taken in order to meet the requirements specified in local laws and regulations. This safety data sheet describes the safety procedures for our product and does not guarantee the properties of the product.

Abbreviations and acronyms

For the meaning of abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, Chapter R.20 Table of terms and abbreviations.