



Safety data sheet

Layout Fluid

Safety Data Sheet

according to UK REACH Regulation

According to
2020/878/EU

Anreißfarbe (ROT /BLAU) -LOSE WARE-

Revision date: 27.01.2025

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

1.1. Product identifier

Anreißfarbe (ROT /BLAU) -LOSE WARE-

Further trade names

LAYOUT FLUID

93100-DP.237	Layout Fluid Red transparent	237 ml
94100-DP.237	Layout Fluid Blue transparent	237 ml

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

Use of the substance/mixture

Industrial use of processing aids.
Process regulator or aid
Paint: red / blue (transparent)

Uses advised against

Intermediates

1.3. Details of the supplier of the safety data sheet

Company name:

Lackfabrik Bäder GmbH & Co. KG.

Street:

Place:

Telephone:

E-mail:

Contact person:

E-mail:

Internet:

Responsible Department:

Dieselstraße 34

D-73734 Esslingen/Neckar

Telefon: +49 (0) 711/381607 Telefax: +49 (0) 711/383092

info@lackfabrik-baeder.de

baederlacke.eu

info@lackfabrik-baeder.de

1.4. Emergency telephone

number:

+49 (0) 711/381607

SECTION 2: Hazards identification

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2.1. Classification of the substance or mixture

GB CLP Regulation

Flam. Liq. 2; H225
Eye Irrit. 2; H319
STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

propan-2-ol; isopropyl alcohol; isopropanol
butanone; ethyl methyl ketone

Signal word: Danger

Pictograms:



Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P312	Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use In case of fire: Use sand, extinguishing powder or alcohol-resistant foam to extinguish. to extinguish.
P233	Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Consult the local waste disposal expert about waste disposal.

Additional advice on labelling

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

2.3. Other hazards

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Single packagings <125 ml = Restricted to professional users.

See attached safety data sheets and/or usage instructions.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Contains:

Solvents (Alcohol. , Ethyl methyl ketone.), resin. Colouring agent

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			40-60 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
78-93-3	butanone; ethyl methyl ketone			20-40 %
	201-159-0	606-002-00-3		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			

Full text of H and EUH statements: see section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Observe risk of aspiration if vomiting occurs.

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. No known symptoms to date.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Foam. Extinguishing powder.

Unsuitable extinguishing media

D powder.

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion hazard.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.
See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.
Protect from direct sunlight.

Hints on joint storage

Do not store together with: Material, rich in oxygen, oxidizing.

Further information on storage conditions

Always close containers tightly after the removal of product. Keep container tightly closed. Protect from direct

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sunlight.

7.3. Specific end use(s)

Special finishes

Further information: refer to Technical Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
78-93-3	Butan-2-one (methyl ethyl ketone)	200	600		TWA (8 h)	WEL
		300	899		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
78-93-3	Butan-2-one	butan-2-one	70 µmol/L	urine	Post shift

Additional advice on limit values

Use appropriate respiratory protection.

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

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Hand protection

Additional protection measures for the hands:

Hand protection: EN ISO 374

-CR (polychloroprenes, Chloroprene rubber).

Thickness of glove material: : 0,65mm

penetration time (maximum wearing period): : >120min.

-NBR (Nitrile rubber):.

Thickness of glove material: : 0,4mm

penetration time (maximum wearing period): : >480min.

Breakthrough times and swelling properties of the material must be taken into consideration.

Take recovery periods for skin regeneration.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Use gloves only once.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

Before using check leak tightness / impermeability.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Flame-retardant protective clothing. Wear anti-static footwear and clothing

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection. Use appropriate respiratory protection. Use only respiratory protection equipment with CE-symbol including four digit test number. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Filtering device (full mask or mouthpiece) with filter::A

Environmental exposure controls

No special measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	red / blue	
Odour:	Solvents, Alcohol.	
Odour threshold:	low	
Melting point/freezing point:		not determined

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Boiling point or initial boiling point and boiling range:	80 °C
Flammability:	not determined
Lower explosion limits:	1,5 g/m ³
Upper explosion limits:	12 g/m ³
Flash point:	12 °C
Auto-ignition temperature:	420 °C
Decomposition temperature:	not determined
pH-Value (at 20 °C):	not applicable etc.:
Viscosity / kinematic:	not determined
Water solubility:	The substance is not soluble in water.
Solubility in other solvents	
Alcohols, Ketone, miscible with most organic solvents	
Dissolution rate:	not determined
Partition coefficient n-octanol/water:	not determined
Dispersion stability:	not determined
Vapour pressure:	48 hPa
(at 20 °C)	
Vapour pressure:	236 hPa
(at 50 °C)	
Density:	0,79 - 0,81 g/cm ³
Relative density:	not determined
Bulk density:	not determined
Relative vapour density:	not determined
Particle characteristics:	not determined

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion:	No data available
Self-ignition temperature	
Solid:	not determined
Gas:	not determined

Other safety characteristics

Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	85%
Solid content:	not determined
Sublimation point:	not determined

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Softening point:	not determined
Pour point:	not determined
	not determined
Viscosity / dynamic:	not determined
Flow time:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures. May form hazardous decomposition products when exposed to high temperatures.

10.2. Chemical stability

Stability and reactivity: Yes.
In contact with water do not emit flammable gases.

10.3. Possibility of hazardous reactions

Violent reaction with: Oxidizing agents, strong.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

Alkali metals., Oxidizing agents, strong.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

Further information

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicocinetics, metabolism and distribution

No data available

Acute toxicity

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

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ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

May cause drowsiness or dizziness. (propan-2-ol; isopropyl alcohol; isopropanol; butanone; ethyl methyl ketone)

STOT-repeated exposure

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

Has de-greasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

Aspiration hazard

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

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

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

Thermal decomposition can lead to the escape of irritating gases and vapours.

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

12.2. Persistence and degradability

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

12.3. Bioaccumulative potential

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single

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components (see section 3).

12.4. Mobility in soil

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

12.5. Results of PBT and vPvB assessment

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

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting properties

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 ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

12.7. Other adverse effects

No data available

Further information

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

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150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

Do not allow uncontrolled discharge of product into the environment.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN1993
14.2. UN proper shipping name:	flammable liquids, n.o.s. (propan-2-ol; isopropyl alcohol; isopropanol, butanone; ethyl methyl ketone)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Classification code:	F1
Special Provisions:	274 601 640C
Limited quantity:	1 L
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

Other applicable information (land transport)
E2

Inland waterways transport (ADN)

14.1. UN number or ID number:	UN1993
14.2. UN proper shipping name:	flammable liquids, n.o.s. (propan-2-ol; isopropyl alcohol; isopropanol, butanone; ethyl methyl ketone)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3

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Classification code: F1
Special Provisions: 274 601 640C
Limited quantity: 1 L
Other applicable information (inland waterways transport)
E2

Marine transport (IMDG)

14.1. UN number or ID number: UN1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol butanone; ethyl methyl ketone)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Special Provisions: 274
Limited quantity: 1 L
EmS: F-E, S-E
Segregation group: IMDG-Code segregation group not applicable
Other applicable information (marine transport)
IMDG-Code segregation group not applicable
E2

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanolbutanone; ethyl methyl ketone)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Special Provisions: A3

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Limited quantity Passenger:	1 L	
IATA-packing instructions - Passenger:		353
IATA-max. quantity - Passenger:		5 L
IATA-packing instructions - Cargo:		364
IATA-max. quantity - Cargo:		60 L

Other applicable information (air transport)

E2

Passenger-LQ: Y341

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning: Combustible liquid. Do not allow uncontrolled discharge of product into the environment.

14.7. Maritime transport in bulk according to IMO instruments

not determined

Other applicable information

Discharge into the environment must be avoided.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions:	51 % (402,9 g/l)
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Directive 2004/42/EC on VOC in paints and varnishes:	51 % (402,9 g/l)
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Information according to Directive 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS
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Additional information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
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Water hazard class (D): 1 - slightly hazardous to water

Additional information

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Flam. Liq: Flammable liquids

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further 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.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)