

Safety Data Sheet

baslac L35 Mixed Colors

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1. Identification

Product identifier used on the label

baslac L35 Mixed Colors

Recommended use of the chemical and restriction on use

Recommended use*: Paints, Coatings and Related Materials

Automotive coatings for commercial use; for industrial use only

Unsuitable for use: Any other use is not compliant.; Not intended for sale to or use by the general public.; See section 15 for more information.

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

| | | |
|-------------------|----------------------|--|
| Skin Corr./Irrit. | 2 | Skin corrosion/irritation |
| Eye Dam./Irrit. | 1 | Serious eye damage/eye irritation |
| Skin Sens. | 1 | Skin sensitization |
| Repr. | 2 (unborn child) | Reproductive toxicity |
| STOT SE | 3 (Vapours may cause | Specific target organ toxicity — single exposure |

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| | | |
|-----------------|------------------------------------|---|
| STOT RE | drowsiness and dizziness.) 2 | Specific target organ toxicity — repeated exposure |
| Aquatic Acute | 3 | Hazardous to the aquatic environment - acute |
| Aquatic Chronic | 3 | Hazardous to the aquatic environment - chronic |
| Flam. Liq. | 2 | Flammable liquids |

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H318 | Causes serious eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H336 | May cause drowsiness or dizziness. |
| H361 | Suspected of damaging the unborn child. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H373 | May cause damage to organs (Auditory organ, Central nervous system, Kidney, Liver) through prolonged or repeated exposure. |

Precautionary Statements (Prevention):

| | |
|------|--|
| P280 | Wear protective gloves, protective clothing and eye protection or face protection. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe dust/gas/mist/vapours. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P243 | Take action to prevent static discharges. |
| P273 | Avoid release to the environment. |
| P201 | Obtain special instructions before use. |
| P241 | Use explosion-proof electrical, ventilating and lighting equipment. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P242 | Use non-sparking tools. |
| P240 | Ground and bond container and receiving equipment. |
| P264 | Wash contaminated body parts thoroughly after handling. |
| P233 | Keep container tightly closed. |

Precautionary Statements (Response):

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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 or physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P308 + P313 IF exposed or concerned: Get medical attention.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.

Precautionary Statements (Storage):

P403 + P235 Store in a well-ventilated place. Keep cool.
P233 Keep container tightly closed.
P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified

No applicable information available.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

2-Propanol

CAS Number: 67-63-0
Content (W/W): $\geq 0.3 - < 15.0\%$
Synonym: 2-Propanol; Isopropyl alcohol, Isopropanol

n-butanol

CAS Number: 71-36-3
Content (W/W): $\geq 0.0 - < 3.0\%$
Synonym: 1-Butanol; n-Butanol

Isobutanol

CAS Number: 78-83-1
Content (W/W): $\geq 0.0 - < 3.0\%$
Synonym: 2-Methyl-1-propanol; Isobutanol

o-xylene

CAS Number: 95-47-6
Content (W/W): $\geq 0.0 - < 5.0\%$
Synonym: o-Xylene; 1,2-Dimethylbenzene

1,2,4-trimethylbenzene

CAS Number: 95-63-6
Content (W/W): $\geq 0.0 - < 5.0\%$
Synonym: 1,2,4-Trimethylbenzene

ethylbenzene

CAS Number: 100-41-4

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Content (W/W): ≥ 0.3 - $< 3.0\%$

Synonym: Ethylbenzene

1-methoxypropan-2-ol

CAS Number: 107-98-2

Content (W/W): ≥ 0.0 - $< 50.0\%$

Synonym: 1-Methoxy-2-propanol; Propylene glycol monomethyl ether

2-dimethylaminoethanol

CAS Number: 108-01-0

Content (W/W): ≥ 0.0 - $< 3.0\%$

Synonym: N,N-Dimethyl(2-hydroxyethyl)amine; 2(Dimethylamino)ethanol, Deanol

4-methylpentan-2-one

CAS Number: 108-10-1

Content (W/W): ≥ 5.0 - $< 50.0\%$

Synonym: isobutyl methyl ketone

1-methoxy-2-propylacetate

CAS Number: 108-65-6

Content (W/W): ≥ 0.0 - $< 20.0\%$

Synonym: 2-Methoxy-1-methylethyl acetate; 1-Methoxy-2-propyl acetate

Toluene

CAS Number: 108-88-3

Content (W/W): ≥ 0.0 - $< 0.3\%$

Synonym: Benzene, methyl-

cyclohexane

CAS Number: 110-82-7

Content (W/W): ≥ 0.0 - $< 0.2\%$

Synonym: Hexahydrobenzene; Cyclohexane

2-butoxyethanol

CAS Number: 111-76-2

Content (W/W): ≥ 0.0 - $< 5.0\%$

Synonym: 2-Butoxyethanol; Ethylene glycol monobutyl ether

dodecan-1-ol

CAS Number: 112-53-8

Content (W/W): ≥ 0.0 - $< 0.3\%$

Synonym: 1-Dodecanol

n-Butyl acetate

CAS Number: 123-86-4

Content (W/W): ≥ 7.0 - $\leq 75.0\%$

Synonym: Essigsäure-n-butylester

2,4,7,9-Tetramethyldec-5-yne-4,7-diol

CAS Number: 126-86-3

Content (W/W): ≥ 0.0 - $< 5.0\%$

Synonym: 2,4,7,9-Tetramethyl-5-decyne-4,7-diol

Propanoic acid, 3-ethoxy-, ethyl ester

CAS Number: 763-69-9

Content (W/W): ≥ 0.3 - $< 5.0\%$

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Synonym: 3-Ethoxypropanoic acid ethyl ester; Ethyl 3-ethoxypropionate

Xylene

CAS Number: 1330-20-7

Content (W/W): ≥ 1.0 - $< 15.0\%$

Synonym: Xylene; Dimethylbenzene

2-Propanol, 1-propoxy-

CAS Number: 1569-01-3

Content (W/W): ≥ 0.0 - $< 3.0\%$

Synonym: 1-Propoxy-2-propanol; 1,2-Propylene glycol 1-propyl ether

zinc phosphate

CAS Number: 7779-90-0

Content (W/W): ≥ 0.0 - $< 3.0\%$

Synonym: Trizinc bis(orthophosphate)

Magnesium fluoride (MgF₂)

CAS Number: 7783-40-6

Content (W/W): ≥ 0.0 - $< 10.0\%$

Synonym: Magnesium fluoride

Copper, [1-[[[2-(hydroxy-.kappa.O)phenyl]imino-.kappa.N]methyl]-2-naphthalenolato(2-)-.kappa.O]-

CAS Number: 15680-42-9

Content (W/W): ≥ 0.0 - $< 7.0\%$

Synonym: Copper, [1-[[[2-(hydroxyphenyl)imino]methyl]-2-naphthalenolato(2-)-N,O,O']-

Proprietary Component of ANTI-TERRA U

Content (W/W): ≥ 0.0 - $< 3.0\%$

Synonym: No data available.

Proprietary Component of ANTI-TERRA-P

CAS Number: 85711-34-8

Content (W/W): ≥ 0.0 - $< 0.2\%$

Synonym: No data available.

Chromium, tetrachloro- μ -hydroxy[.mu.-(2-methyl-2-propenoato- κ O: κ O')]di-

CAS Number: 15096-41-0

Content (W/W): ≥ 0.0 - $< 1.0\%$

Synonym: No data available.

Solvent naphtha (petroleum), light arom.

CAS Number: 64742-95-6

Content (W/W): ≥ 0.0 - $< 5.0\%$

Synonym: No data available.

Naphtha (petroleum),hydrotreated light, Kp > 140oC

CAS Number: 64742-49-0

Content (W/W): ≥ 0.0 - $< 7.0\%$

Synonym: No data available.

3-(3-Isodecyloxypropylamino)propylamine

CAS Number: 72162-46-0

Content (W/W): ≥ 0.0 - $< 0.3\%$

Synonym: No data available.

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Kerosine (petroleum), hydrodesulfurised
CAS Number: 64742-81-0
Content (W/W): ≥ 0.0 - $< 3.0\%$
Synonym: No data available.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, $<2\%$ aromatics
CAS Number: 64742-48-9
Content (W/W): ≥ 0.0 - $< 3.0\%$
Synonym: No data available.

Naphthenic acids
CAS Number: 1338-24-5
Content (W/W): ≥ 0.0 - $< 1.0\%$
Synonym: No data available.

Dispersing Agent
CAS Number: 2086269-74-9
Content (W/W): ≥ 0.0 - $< 10.0\%$
Synonym: No data available.

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

Seek medical attention. Immediately wash affected area with soap and water for 20-30 minutes or until chemical is removed.

If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

If swallowed:

Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

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Information on: 2-Propanol

Symptoms: Overexposure may cause:, headache, dizziness, coordination disorder, coma, abdominal cramps, nausea, vomiting

Information on: n-butanol

Symptoms: Overexposure may cause:, headache, dizziness, coordination disorder, coma, lacrimation, loss of hearing

Information on: Isobutanol

Symptoms: Overexposure may cause:, coma, coordination disorder, headache, dizziness

Information on: o-xylene

Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: 1,2,4-trimethylbenzene

Symptoms: Overexposure may cause:, headache, tiredness, nausea, anxiety, asthma, bronchitis, noncardiogenic pulmonary edema

Information on: 1-methoxypropan-2-ol

Symptoms: Overexposure may cause:, lacrimation

Information on: 2-dimethylaminoethanol

Symptoms: Overexposure may cause:, dyspnea, restlessness, coughing, headache

Information on: 4-methylpentan-2-one

Symptoms: Overexposure may cause:, vomiting, weakness, coordination disorder, nausea, headache, dizziness

Information on: Toluene

Symptoms: Overexposure may cause:, unconsciousness, death, dilation of pupils, coordination disorder, lethargy, confusion, headache, dizziness, lacrimation

Information on: cyclohexane

Symptoms: Overexposure may cause:, unconsciousness, lethargy, dizziness

Information on: dodecan-1-ol

Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

Symptoms: Overexposure may cause:, corneal injury, severe pain, skin irritation, erythema, nausea, vomiting, dizziness, diarrhea, abdominal cramps

Information on: Propanoic acid, 3-ethoxy-, ethyl ester

Symptoms: Overexposure may cause:, unconsciousness, vomiting, lethargy, nausea, headache, dizziness

Information on: Xylene

Symptoms: Overexposure may cause:, coma, weakness, lethargy, confusion, dyspnea, nausea, headache, dizziness

Information on: 2-Propanol, 1-propoxy-

Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

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Information on: zinc phosphate
Symptoms: No data available.

Information on: Magnesium fluoride (MgF₂)
Symptoms: No data available.

Information on: Solvent naphtha (petroleum), light arom.
Symptoms: Overexposure may cause: Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, Ingestion may provoke the following symptoms: asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse, death

Information on: Kerosine (petroleum), hydrodesulfurised
Symptoms: Overexposure may cause: Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: Hydrocarbons, C₉-C₁₁, n-alkanes, isoalkanes, <2% aromatics
Symptoms: Overexposure may cause: nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, Ingestion may provoke the following symptoms: asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse, death

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
carbon dioxide, foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use antistatic tools. Extinguish sources of ignition nearby and downwind. Avoid prolonged inhalation. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

Methods and material for containment and cleaning up

Dike spillage. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

7. Handling and Storage

Precautions for safe handling

Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces. Do not apply to hot surfaces.

Protection against fire and explosion:

Risk of explosion if heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up.

Conditions for safe storage, including any incompatibilities

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from strong acids.

Suitable materials for containers: Carbon steel (Iron), Stove-lacquer RDL 50, tinned carbon steel (Tinplate), Stove-lacquer Valspar HXR008F red, Stove-lacquer KNS L-5X

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

Storage stability:

Consult local fire marshal for storage requirements.
Protect from temperatures above: 49 °C

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

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| | | |
|------------------------|--|--|
| 2-Propanol | ACGIH, US: ACGIH, US: OSHA Z1: | STEL value 400 ppm ; TWA value 200 ppm ; PEL 400 ppm 980 mg/m3 ; |
| n-butanol | ACGIH, US: OSHA Z1: | TWA value 20 ppm ; PEL 100 ppm 300 mg/m3 ; |
| Isobutanol | ACGIH, US: OSHA Z1: | TWA value 50 ppm ; PEL 100 ppm 300 mg/m3 ; |
| o-xylene | ACGIH, US: | TWA value 20 ppm ; |
| 1,2,4-trimethylbenzene | ACGIH, US: | TWA value 10 ppm ; |
| ethylbenzene | ACGIH, US: OSHA Z1: | TWA value 20 ppm ; PEL 100 ppm 435 mg/m3 ; |
| 1-methoxypropan-2-ol | ACGIH, US: ACGIH, US: | TWA value 50 ppm ; STEL value 100 ppm ; |
| 4-methylpentan-2-one | ACGIH, US: ACGIH, US: OSHA Z1: | STEL value 75 ppm ; TWA value 20 ppm ; PEL 100 ppm 410 mg/m3 ; |
| Toluene | ACGIH, US: OSHA Z2: OSHA Z2: OSHA Z2: | TWA value 20 ppm ; max. conc. 500 ppm ; CLV 300 ppm ; TWA value 200 ppm ; |
| cyclohexane | ACGIH, US: OSHA Z1: | TWA value 100 ppm ; PEL 300 ppm 1,050 mg/m3 ; |
| 2-butoxyethanol | ACGIH, US: OSHA Z1: OSHA Z1: | TWA value 20 ppm ; PEL 50 ppm 240 mg/m3 ; Skin Designation ; The substance can be absorbed through the skin. |

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| | | |
|---|--------------------------------------|--|
| n-Butyl acetate | ACGIH, US: ACGIH, US: OSHA Z1: | STEL value 150 ppm ; TWA value 50 ppm ; PEL 150 ppm 710 mg/m3 ; |
| Xylene | OSHA Z1: ACGIH, US: | PEL 100 ppm 435 mg/m3 ; TWA value 20 ppm ; |
| Magnesium fluoride (MgF2) | ACGIH, US: OSHA Z1: OSHA Z2: | TWA value 2.5 mg/m3 (fluorine (F)); PEL 2.5 mg/m3 (fluorine (F)); TWA value 2.5 mg/m3 dust ; |
| Chromium, tetrachloro-μ-hydroxy[.mu.-(2-methyl-2-propenoato-κO:κO')]di- | ACGIH, US: ACGIH, US: OSHA Z1: | TWA value 0.003 mg/m3 Inhalable fraction (chromium(III)); TWA value 0.003 mg/m3 Inhalable fraction (chromium(III)); PEL 0.5 mg/m3 (Chromium (Cr)); |
| Kerosine (petroleum), hydrodesulfurised | ACGIH, US: ACGIH, US: | TWA value 200 mg/m3 Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures. Skin Designation Non-aerosol (total hydrocarbon vapor); Danger of cutaneous absorption |

Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

General mechanical ventilation should comply with OSHA 1910.94.

Personal protective equipment

Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Respiratory protection may not be required under normal operating conditions if adequate ventilation is provided. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

Spray applications that occur without engineering controls require applicators to: Wear a NIOSH-certified (or equivalent) respirator with an APF of 10,000.

Hand protection:

Use appropriate chemically impervious gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

Eye protection:

Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).

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Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

| | | |
|---|---------------------------------------|--------------|
| Form: | liquid | |
| Odour: | product specific | |
| Odour threshold: | No applicable information available. | |
| Colour: | No applicable information available. | |
| pH value: | No applicable information available. | |
| Melting point: | No applicable information available. | |
| Freezing point: | No applicable information available. | |
| Boiling range: | No applicable information available. | |
| Sublimation point: | No applicable information available. | |
| Flash point: | 18.00 - 51.00 °C 64.40 - 123.80 °F | |
| Flammability: | No applicable information available. | |
| Lower explosion limit: | No applicable information available. | |
| Upper explosion limit: | No applicable information available. | |
| Autoignition: | No applicable information available. | |
| Vapour pressure: | No applicable information available. | |
| Density: | 0.88 - 1.3199 g/cm3 (20 °C) | (calculated) |
| Relative density: | 0.8800 - 1.3200 (20 °C) | |
| Vapour density: | No applicable information available. | |
| Partitioning coefficient n-octanol/water (log Pow): | No applicable information available. | |
| Thermal decomposition: | No applicable information available. | |
| Viscosity, dynamic: | No applicable information available. | |
| Viscosity, kinematic: | > 20.500 mm2/s | |
| Solubility in water: | No applicable information available. | |
| Solubility (quantitative): | No applicable information available. | |
| Solubility (qualitative): | No applicable information available. | |
| Molar mass: | No applicable information available. | |
| Evaporation rate: | No applicable information available. | |

10. Stability and Reactivity

Reactivity

No applicable information available.

Chemical stability

The product is chemically stable.

Possibility of hazardous reactions

No applicable information available.

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Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

Incompatible materials

strong oxidizing agents, strong bases, strong acids

Hazardous decomposition products

Decomposition products:

carbon dioxide, carbon monoxide

Thermal decomposition:

No applicable information available.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry

Solvents are absorbed through the skin.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Based on available data, the classification criteria are not met.

Oral

Type of value: LD50

Species: rat

Value: $\geq 1,183.00000$ mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

Inhalation

Type of value: LC50

Species: rat

Value: > 6.000000 mg/l

The product has not been tested. The statement has been derived from the properties of the individual components.

Dermal

Type of value: LD50

Species: rabbit

Value: $\geq 1,219.00000$ mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

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Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation. May cause severe damage to the eyes.

Information on: 2-Propanol

Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.

Information on: n-butanol

Assessment of irritating effects: Skin contact causes irritation. Risk of serious damage to eyes.

Information on: Isobutanol

Assessment of irritating effects: May cause severe damage to the eyes. Skin contact causes irritation.

Information on: o-xylene

Assessment of irritating effects: Skin contact causes irritation. Eye contact causes irritation.

Information on: 1,2,4-trimethylbenzene

Assessment of irritating effects: Skin contact causes irritation. Eye contact causes irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: ethylbenzene

Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.

Information on: 2-dimethylaminoethanol

Assessment of irritating effects: Corrosive! Damages skin and eyes.

Information on: Toluene

Assessment of irritating effects: Skin contact causes irritation. May cause slight irritation to the eyes.

Information on: cyclohexane

Assessment of irritating effects: Skin contact causes irritation. EU-classification Not irritating to the eyes.

Information on: 2-butoxyethanol

Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.

Information on: dodecan-1-ol

Assessment of irritating effects: Not irritating to the skin. Irritating to eyes.

Information on: n-Butyl acetate

Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.
Not irritating to the skin. May cause slight irritation to the eyes.

Information on: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

Assessment of irritating effects: Not irritating to the skin. May cause severe damage to the eyes.

Information on: Xylene

Assessment of irritating effects: Skin contact causes irritation. Eye contact causes irritation.

Information on: 2-Propanol, 1-propoxy-

Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.

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Information on: Solvent naphtha (petroleum), light arom.

Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: Naphtha (petroleum), hydrotreated light, Kp > 140oC

Assessment of irritating effects: Skin contact causes irritation. May cause slight irritation to the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Kerosine (petroleum), hydrodesulfurised

Assessment of irritating effects: Skin contact causes irritation. Not irritating to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

Information on: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

Assessment of sensitization:

Caused skin sensitization in animal studies.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.

Information on: 2-Propanol

Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated inhalation.

Information on: o-xylene

Assessment of repeated dose toxicity: Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and are known to be of no relevance to humans.

Information on: ethylbenzene

Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.

Information on: 1-methoxypropan-2-ol

Assessment of repeated dose toxicity: May affect the liver as indicated in animal studies. The substance may cause damage to the kidney after repeated inhalation. Effect found in rodents only. The relevance to humans is questionable.

Information on: 2-dimethylaminoethanol

Assessment of repeated dose toxicity: The substance may cause damage to the central nervous system after repeated ingestion of high doses. The results are preliminary and do not provide a

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complete understanding of the effect observed. After repeated administration the prominent effect is the induction of corrosion.

Information on: 4-methylpentan-2-one

Assessment of repeated dose toxicity: May affect the liver and kidneys as indicated in animal studies.

Information on: 1-methoxy-2-propylacetate

Assessment of repeated dose toxicity: Repeated dermal uptake of the substance did not cause substance-related effects. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The substance may cause damage to the olfactory epithelium after repeated inhalation. Repeated oral uptake of the substance did not cause substance-related effects.

Information on: Toluene

Assessment of repeated dose toxicity: Repeated exposure to large quantities may affect certain organs. Damages the central nerve system. The substance may cause deafness after repeated inhalation.

Information on: cyclohexane

Assessment of repeated dose toxicity: Repeated exposure to the substance by inhalative administration leads to effects similar to those found after single exposure.

Information on: 2-butoxyethanol

Assessment of repeated dose toxicity: Damages blood cells. Due to the species specific mode of action, the effects are not expected to occur in humans.

Information on: n-Butyl acetate

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation.

Information on: Xylene

Assessment of repeated dose toxicity: Overexposure may cause liver and kidney toxicity. Repeated exposure may affect certain organs. Damages the central nerve system. The substance can cause changes in the following organs after repeated exposure to large quantities: Liver Kidney

Information on: Copper, [1-[[[2-(hydroxy-.kappa.O)phenyl]imino-.kappa.N]methyl]-2-naphthalenolato(2-)-.kappa.O]-

Assessment of repeated dose toxicity: Based on available data, the classification criteria are not met.

Information on: Solvent naphtha (petroleum), light arom.

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation. The substance may cause damage to the liver after repeated ingestion. Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and are known to be of no relevance to humans. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: Naphtha (petroleum),hydrotreated light, Kp > 140oC

Assessment of repeated dose toxicity: Repeated inhalation exposure may affect certain organs. Repeated dermal exposure may affect certain organs. Repeated oral exposure may affect certain organs. The product has not been tested. The statement has been derived from the properties of the individual components.

Genetic toxicity

Assessment of mutagenicity: Based on available data, the classification criteria are not met.

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Information on: Naphtha (petroleum),hydrotreated light, Kp > 140oC

Assessment of mutagenicity: Capable of causing genetic defects. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity: Based on available data, the classification criteria are not met.

Information on: ethylbenzene

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

Information on: 2-dimethylaminoethanol

Assessment of carcinogenicity: In long-term animal studies in which the substance was given by inhalation in high concentrations, a carcinogenic effect was not observed. Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.

Information on: 4-methylpentan-2-one

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. EU-classification IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).

Information on: 2-butoxyethanol

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC Group 3 (not classifiable as to human carcinogenicity).

Information on: Naphtha (petroleum),hydrotreated light, Kp > 140oC

Assessment of carcinogenicity: The substance caused cancer in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Kerosine (petroleum), hydrodesulfurised

Assessment of carcinogenicity: The substance showed carcinogenic activity in animals after chronic administration to the skin. The substance showed tumor-promoting activity in rodents after pretreatment with a carcinogenic substance. A carcinogenic potential cannot be excluded after prolonged exposure to severely irritating concentrations.

Reproductive toxicity

Assessment of reproduction toxicity: Based on available data, the classification criteria are not met.

Information on: 1-methoxypropan-2-ol

Assessment of reproduction toxicity: The potential to impair fertility cannot be excluded when given at maternally toxic doses.

Information on: 2-dimethylaminoethanol

Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect. The results were determined in a Screening test. On the basis of currently available information, a final assessment is not possible.

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Information on: Naphtha (petroleum),hydrotreated light, Kp > 140oC

Assessment of reproduction toxicity: Possible risk of impaired fertility. The product has not been tested. The statement has been derived from the properties of the individual components.

Teratogenicity

Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

Information on: n-butanol

Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

The potential to cause toxicity to development cannot be excluded when given in high doses.

Information on: o-xylene

Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: 2-dimethylaminoethanol

Assessment of teratogenicity: Causes developmental effects in animals at high, maternally toxic doses.

Information on: Toluene

Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

Information on: Magnesium fluoride (MgF2)

Assessment of teratogenicity: The substance did not cause malformations in animal studies; however, toxicity to development was observed at high doses that were toxic to the parental animals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Harmful to aquatic life. Harmful to aquatic life with long lasting effects. There are no test results available for this product. Do not allow to enter drains or waterways.

13. Disposal considerations

Waste disposal of substance:

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA-licensed facility. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

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Container disposal:

WARNING: Empty containers may still contain hazardous residue.

Dispose of in accordance with national, state and local regulations.

14. Transport Information

Land transport

USDOT

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

Sea transport

IMDG

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Marine pollutant: NO
Proper shipping name: PAINT

Air transport

IATA/ICAO

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released w/o restriction f. BASF / not listed

TSCA § 5(e) Consent Order Restriction

Contains a substance that is subject to the notification requirements of TSCA Section 12(b), 5 U.S.C. § 2611(b), and 40 C.F.R part 707, subpart D

Approved use(s):

Automotive coatings for commercial use

Automotive coatings for industrial use

Any other use is not compliant.

Chemical TSCA, US

TSCA §5. Based on EPA's assessment that includes analogue data, this substance may have the potential to cause:

Skin Irritation;

Eye Irritation;

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Specific target organ toxicity.
Aquatic toxicity
Hazard(s) not classifiable under GHS criteria.

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

EPCRA 313:

| CAS Number | Chemical name |
|-------------------|---|
| 100-41-4 | ethylbenzene |
| 108-10-1 | 4-methylpentan-2-one |
| 67-63-0 | 2-Propanol |
| 71-36-3 | n-butanol |
| 95-47-6 | o-xylene |
| 95-63-6 | 1,2,4-trimethylbenzene |
| 1330-20-7 | Xylene |
| 15680-42-9 | Copper, [1-[[[2-(hydroxy-.kappa.O)phenyl]imino-.kappa.N]methyl]-2- naphthalenolato(2-)-.kappa.O]- |
| 111-76-2 | 2-butoxyethanol |
| 7779-90-0 | zinc phosphate |

State regulations

| State RTK | CAS Number | Chemical name |
|------------------|-------------------|--|
| NJ | 67-63-0 | 2-Propanol |
| | 71-36-3 | n-butanol |
| | 78-83-1 | Isobutanol |
| | 95-47-6 | o-xylene |
| | 95-63-6 | 1,2,4-trimethylbenzene |
| | 100-41-4 | ethylbenzene |
| | 107-98-2 | 1-methoxypropan-2-ol |
| | 108-01-0 | 2-dimethylaminoethanol |
| | 108-10-1 | 4-methylpentan-2-one |
| | 108-88-3 | Toluene |
| | 111-76-2 | 2-butoxyethanol |
| | 123-86-4 | n-Butyl acetate |
| | 1330-20-7 | Xylene |
| | 7779-90-0 | zinc phosphate |
| | 7783-40-6 | Magnesium fluoride (MgF ₂) |
| | 64742-49-0 | Naphtha (petroleum),hydrotreated light, Kp > 140oC |
| | 64742-81-0 | Kerosine (petroleum), hydrodesulfurised |
| | 64742-48-9 | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, <2% aromatics |
| PA | 67-63-0 | 2-Propanol |
| | 71-36-3 | n-butanol |
| | 78-83-1 | Isobutanol |
| | 95-47-6 | o-xylene |
| | 95-63-6 | 1,2,4-trimethylbenzene |
| | 100-41-4 | ethylbenzene |
| | 107-98-2 | 1-methoxypropan-2-ol |
| | 108-01-0 | 2-dimethylaminoethanol |
| | 108-10-1 | 4-methylpentan-2-one |
| | 111-76-2 | 2-butoxyethanol |
| | 123-86-4 | n-Butyl acetate |
| | 1330-20-7 | Xylene |
| | 7779-90-0 | zinc phosphate |

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| | |
|------------|---|
| 7783-40-6 | Magnesium fluoride (MgF ₂) |
| 15680-42-9 | Copper, [1-[[[2-(hydroxy-.kappa.O)phenyl]imino-.kappa.N]methyl]-2- naphthalenolato(2-)-.kappa.O]- |
| 64742-49-0 | Naphtha (petroleum),hydrotreated light, Kp > 140oC |
| 64742-81-0 | Kerosine (petroleum), hydrodesulfurised |
| 64742-48-9 | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, <2% aromatics |

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including METHYL ISOBUTYL KETONE (MIBK), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:

Health: 3 Fire: 3 Reactivity: 0 Special:

HMIS III rating

Health: 3α Flammability: 3 Physical hazard:0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations
SDS Prepared on: 2023/10/04

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