

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 1

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Texanol®
Article No.: 78100
UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Agrochemical industry
Coalescence for emulsions.

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstr. 41-47, 88317 Aichstetten, Germany
Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606
Internet: www.kremer-pigmente.com
EMail: info@kremer-pigmente.com
Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

Composition/Information on Ingredients

next page: 2

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 2

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

3.

3.1. Substance

3.2. Mixture

Chemical Characterization: Isobutyric acid, 2,2,4-Trimethylpentane-1,3-diol-monoisobutyrate

Information on Components / Hazardous Ingredients:

Additional information:

REACH Reg. No. 01-2119441305-48

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

*Seek medical attention in case of complaints.
Remove contaminated clothes immediately.*

After inhalation:

Supply fresh air and keep patient calm.

After skin contact:

*Wash with soap and rinse with plenty of water.
Remove contaminated clothing and shoes.
Wash contaminated clothing before reuse.*

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

After ingestion:

*Never give anything by mouth to an unconscious person.
Immediately get medical help.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray jet.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Formation of hazardous decomposition products at high

next page: 3

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 3

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

temperatures, such as carbon oxides and fumes.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

Ensure adequate ventilation.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Hygienic measures:

Do not eat or drink during work. Do not smoke.

Wash hands before breaks and after work.

Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Store containers in a well ventilated location.

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

Close open containers with care and store in an upright position to avoid spilling.

Storage: in containers which comply with the original container.

Information on fire and explosion protection:

Do not store together with: oxidants.

Keep away from sources of heat and ignition - do not smoke.

next page: 4

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 4

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

Storage class:

10-13 (TRSG 510)

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Isobutyric acid, 2,2,4-Trimethylpentane-1,3-diol-monoisobutyrate:

13.9 mg/kg bw/d (worker, skin contact, long-term exposure - systemic effects)

49.0 mg/m³ (worker, inhalation, long-term exposure - systemic effects)

8.3 mg/kg/day (consumer, skin contact, long-term exposure - systemic effects)

14.5 mg/m³ (consumer, inhalation, long-term exposure - systemic effects)

8.3 mg/m³/day (consumer, swallowing, long-term exposure - systemic effects)

Predicted No-Effect Concentration (PNEC):

Isobutyric acid, 2,2,4-Trimethylpentane-1,3-diol-monoisobutyrate:

Fresh water: 0.015 mg/l

Seawater: 0.0015 mg/l

Fresh water sediment: 0.78 mg/kg

Seawater sediment: 0.078 mg/l

Soil: 0.147 mg/kg

Sewage treatment system (STP): 7.5 mg/l

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation/exhaust system.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Avoid contact with skin, eyes and clothing.

Respiratory protection:

Required in case of insufficient ventilation.

Hand protection:

next page: 5

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 5

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

Protective gloves should be changed regularly, especially after intensive contact with the product.

Protective glove material:

Polypropylene (CR). Remove contaminated gloves and discard according to specifications.

Protective gloves made of butyl rubber.

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing, chemical resistant.

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>colorless</i>
<i>Odor:</i>	<i>mild</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not available</i>
<i>Melting temperature:</i>	<i>-70.25°C</i>
<i>Boiling temperature:</i>	<i>255 - 261.5°C (102.4 kPa)</i>
<i>Flash point:</i>	<i>122°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>388°C (ASTM E-659)</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>1.3 Pa (20°C)</i>
<i>Vapor density:</i>	<i>7.5 (air=1)</i>
<i>Density:</i>	<i>0.946 g/m³ (20°C)</i>
<i>Solubility in water:</i>	<i>0.5 - 3.79 g/l (25°C)</i>
<i>Auto-ignition temperature:</i>	<i>388°C</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>12.9 mPa.s (25°C)</i>

next page: 6

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 6

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

Explosive properties:

not available

Oxidizing properties:

no information available

Bulk density:

not applicable

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

13.6 mm²/s (25°C)

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

No information available.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

No information available.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from heat and direct sunlight.

Thermal decomposition:

10.5. Incompatible Materials

Oxidizing agents.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

Isobutyric acid, 2,2,4-Trimethylpentane-1,3-diol-monoisobutyrate

LD50, oral:

6500 mg/kg (rat; ECHA)

LD50, dermal:

15200 mg/kg (rabbit; ECHA)

LC50, inhalation:

No information available.

Primary effects

next page: 7

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 7

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

Irritant effect on skin:

Slight irritant effect (rabbit).

Irritant effect on eyes:

Slight irritant effect (rabbit).

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

Non sensitizing (guinea pig; OECD 406).

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No information available.

11.2. Information on other Hazards

Endocrine Disrupting Properties: no information available.

12. Ecological Information

12.1. Aquatic Toxicity

Isobutyric acid, 2,2,4-Trimethylpentane-1,3-diol-monoisobutyrate:

Fish toxicity:

LC50: 33 mg/l (96h, Pimephales promelas)

Daphnia toxicity:

EC50: 147.8 mg/l (48h, Daphnia magna)

Bacteria toxicity:

no information available

Algae toxicity:

EC50: 15 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)

12.2. Persistency and Degradability

Readily biodegradable: > 77 % (28d; OECD 301B)

12.3. Bioaccumulation

logPow: 3.2 (25°C; OECD 117)

12.4. Mobility

No information available.

next page: 8

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 8

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Endocrine Disrupting Properties

No data available.

12.7. Other Adverse Effects

Water hazard class:

Do not let run into surface waters, waste water or soil.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

The waste code must be determined together with the regional disposal service.

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

next page: 9

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 Texanol®

Page 9

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14. 7. Maritime Transport in Bulk according to IMO Instruments

*Transportation in bulk by sea according to IMO: Type of vessel: 2;
Pollution Category: Y; Product Name: 2,2,4-TRIMETHYL-1,3-
PENTANEDIOL-1-ISOBUTYRATE*

14. 8. Further Information

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

*1, slightly hazardous for water (according to the German
Regulation AwSV); Ident. No. 5230*

Local regulations on chemical accidents:

Not listed in Appendix I (Accident Ordinance).

Employment restrictions:

Restriction and prohibition of application:

*EC. REACH, Section XVII, Restrictions on the Manufacture,
Placing on the Market and Use of Certain Dangerous Substances,
Preparations and Articles: not applicable*

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has been carried out for this
product.*

*EC SVHC-List: This product does not contain a substance in the
candidate list for substances of very high concern (REACH
Regulation (EC) 1907/2006, Article 57)*

15. 3. Further Information

Listed in the following inventories:

*EINECS (EU), TSCA (US), AICS (AUS), DSL/NDL (CA), PICCS
(PH), ECL (KR), MITI/ENCS (JP), IECSC/NEPA (CN)*

*EC. REACH, Annex XIV, Candidate List of Substances of very
High Concern (SVHC): not regulated / not applicable*

16. Other Information

This product should be stored, handled and used in accordance

next page: 10

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78100 **Texanol®**

Page 10

Revised edition: 17.02.2022

Version: 2.3

Printed: 10.07.2023

with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.