

Material Safety Data Sheet

Version: 3.0

Revision Date : 06/17/2011
Date Issued : 08/23/2013

TEGO DISPERS 710

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name	:	TEGO DISPERS 710	
PRODUCT CODE	:	200692	
CHEMICAL FAMILY	:	Polymer containing amino groups, butylacetate and methoxypropyl acetate.	
Information on manufacturer/supplier	:	Evonik Industries AG Werk Tego Goldschmidtstr. 100 Essen, 05 45127	
Emergency telephone number (24h)	:		Telephone:
		CHEMTREC	(800) 424-9300
		CANUTEC	(613) 996-6666
		Non-Emergency Phone Number:	(800) 732-5616

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
Acetic acid, butyl ester	123-86-4	10 - 20
1-Propanol, 2-methyl-	78-83-1	< 5
2-Propanol, 1-methoxy-, 2-acetate	108-65-6	25 - 50

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form	:	Liquid
Colour	:	yellowish
Odour	:	Solvent-like
Water solubility	:	insoluble
pH	:	not measured

Potential health effects

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- Immediate concerns : Flammable. Irritating to eyes. Vapors may cause drowsiness and dizziness.
- Eyes : Irritating to eyes.
- Skin : Prolonged or repeated contact may cause irritation to skin.
- Ingestion : No harmful effects have been reported upon ingestion.
- Inhalation : Irritating to mucous membranes upon prolonged and repeated contact.
- Primary routes of entry : Eyes, Skin
- Target organs : Eyes, Skin, Mucous Membranes
- Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

4. FIRST AID MEASURES

- Eyes : Rinse thoroughly with plenty of water and seek medical advice.
- Skin : Immediately and thoroughly, wash off with soap and water.
- Ingestion : Drink large quantities of water with activated carbon and do not induce vomiting. Seek medical attention and show this MSDS.
- Inhalation : Ensure a supply of fresh air. If symptoms persist, seek medical attention. Show this data sheet.

5. FIRE-FIGHTING MEASURES

- Flash point : 93 °F
- Autoignition temperature : not measured
- Upper Explosion limits : not measured
- Lower explosion limit : not measured

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- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : not applicable
- Products in case of fire : In the event of fire the following can be released:
- carbon dioxide, carbon monoxide
- Nitrogen oxides (NOx)
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Hazardous decomposition products : None with proper storage and handling.
- OSHA flammable class : Flammable Liquid, Class IC

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :
Eliminate all sources of ignition. Use personal protective equipment. Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder).

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

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7. HANDLING AND STORAGE

General Procedures Handling

Advice on safe handling : Provide suitable extraction/ventilation at processing machines.

Advice on protection against fire and explosion : Keep away from sources of ignition - no smoking
Take precautionary measures against electrostatic loading.
Vapours may form explosive mixtures with air
Cool endangered containers by water spray

Storage

Further information : Keep in a cool place.
Keep container closed.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA hazardous components (29 CFR 1910.1200)

Components	CAS-No.	Base	Type	Value	Note
1-Propanol, 2-methyl-	78-83-1	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	50 ppm	
Acetic acid, butyl ester	123-86-4	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	150 ppm	
Acetic acid, butyl ester	123-86-4	US. ACGIH Threshold Limit Values	Short Term Exposure Limit (STEL):	200 ppm	
2-Propanol, 1-methoxy-, 2-acetate	108-65-6	US. Workplace Environmental Exposure Level (WEEL) Guides	Time Weighted Average (TWA):	50 ppm	
1-Propanol, 2-methyl-	78-83-1	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	50 ppm 150 mg/m3	
Acetic acid, butyl ester	123-86-4	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	150 ppm 710 mg/m3	
Acetic acid, butyl ester	123-86-4	US. NIOSH: Pocket Guide to Chemical Hazards	Short Term Exposure Limit (STEL):	200 ppm 950 mg/m3	
1-Propanol, 2-methyl-	78-83-1	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	100 ppm 300 mg/m3	
Acetic acid, butyl ester	123-86-4	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	150 ppm 710 mg/m3	

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Personal protective equipment

- General protective measures : Avoid contact with eyes
- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. Remove soiled or soaked clothing immediately. Avoid contact with eyes and skin. Wash before reuse.
- Respiratory protection : In case of formation of aerosols or mists, respiratory protective equipment, cartridge for organic gases and mists.
- Hand protection : gloves made of butyl (IIR)
- Eye protection : Use chemical resistant goggles or safety glasses with side shields.
- Protective clothing : light protective clothing
- Engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Colour : yellowish
- Odour : Solvent-like
- State of aggregation : Liquid
- Melting temperature : not measured
- Boiling temperature : not measured
- Vapour pressure : not measured
- Density : 1.01 - 1.05 g/cm³
at 77.00 °F
Method: DIN 12791
- Weight per volume : 8.58 Lb/Gal
- Water solubility : insoluble
- pH : not measured

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Viscosity, dynamic : 150 - 350 mPa.s
at 25 °C
Method: DIN 53015 (Höppler)

Volatile organic compound : 663.00 g/l
5.53 Lb/Gal
percent non-volatile: 35 %

10. STABILITY AND REACTIVITY

Conditions to avoid : Keep away from all sources of ignition.

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

Hazardous polymerisation : No

Stability : Yes

Hazardous decomposition products : None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity : The results based on calculation as per chapter 3.1.3.6 Directive 1272/2008/EC are above the classification limits.

Note : Vapours may cause drowsiness and dizziness.
Due to the composition of the product it cannot be excluded:
Irritant to eyes.
On prolonged and repeated contact irritations of skin and mucous membranes.

REGULATION (EC) No. 1272/2008
Causes serious eye irritation.
May cause drowsiness or dizziness.

12. ECOLOGICAL INFORMATION

Further ecological information

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Ecological notes : Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

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

Product disposal and disposal requirements : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

Sea transport

IMDG:

Class : 3
 UN-No : 1993
 PG : III
 MFAG :
 EmS : F-E S-E
 Proper shipping name : FLAMMABLE LIQUID, N.O.S.
 Hazard release : Methoxypropylacetate Butyl acetates
 Label : 3

Air transport

ICAO/IATA:

Class : 3
 UN-No : 1993
 PG : III
 Proper shipping name : Flammable liquid, n.o.s.
 Hazard release : Methoxypropylacetate Butyl acetates
 Label : 3

DOT (Department of Transportation)

CFR Road:

Class : 3
 UN-No : 1993
 PG : III
 Proper shipping name : Flammable liquids, n.o.s.
 Correct technical name : Methoxypropylacetate Butyl acetates

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Label : 3
CFR Rail:
Class : 3
UN-No : 1993
PG : III
Proper shipping name : Flammable liquids, n.o.s.
Correct technical name : Methoxypropylacetate Butyl acetates
Label : 3

CANADA Transport of Dangerous goods

TDG Road:

Class : 3
UN-No : 1993
PG : III
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
Correct technical name : Methoxypropylacetate Butyl acetates
Label : 3

TDG Rail:

Class : 3
UN-No : 1993
PG : III
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
Correct technical name : Methoxypropylacetate Butyl acetates
Label : 3

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15. REGULATORY INFORMATION

United States

- SARA Section 311/312 : Fire: Yes
Pressure generating: No
Reactivity: No
Acute: Yes
Chronic: No
- SARA Sections : SECTION 313
Notification : No
This product contains no SARA Title III, Section 313 listed chemicals.
- Notification Status : TSCA
Notification : Yes
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.
- State regulations : MASS. RIGHT TO KNOW
Notification : Yes
- RHODE ISLAND RTK
Notification : Yes
- NEW JERSEY RTK
Notification : Yes
- PENNSYLVANIA RTK
Notification : Yes
- California Proposition 65 Statement : Notification : No
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.
- CERCLA : CAS 78-83-1 : 500 lb

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Canada : WHMIS CLASSIFICATION
Class B, Division 2, Flammable Liquid
Class D, Division 2, Subdivision B

This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

Components	CAS-No.
1-Propanol, 2-methyl-	78-83-1
Acetic acid, butyl ester	123-86-4

Notification Status : Canadian Environmental Protection Act
DSL
Notification : Yes
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

16. OTHER INFORMATION

HMIS Codes : Fire : 3
Health : 2
Physical Hazard : 0
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

END OF MSDS