

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

1 / 9

**1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : TEGOSTAB B 4900
Chemical Name : Polyether-modified polysiloxane

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use
Non-recommended use(s) : None known.

1.3. Details of the supplier of the safety data sheet

Company : Evonik Corporation
Consumer Specialties
PO Box 1299
HOPEWELL VA 23860
USA
Telephone : +1 (0)804 541-8658
Telefax : +1 (0)804 541-2783
E-mail : productsafety-cs@evonik.com

1.4. Emergency telephone number

Emergency information : Non-Emergency Phone Number : (800) 732-5616
In case of emergency call CHEMTREC 1-800-424-9300.

24 HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC - US & CANADA toll free: +1-800-424-9300
CHEMTREC - MEXICO toll free: 01-800-681-9531
CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

2. Hazards identification**2.1. Classification of the substance or mixture**

Not a hazardous substance or mixture according to 29 CFR 1910.1200.

2.2. Label elements

Not a hazardous substance or mixture according to 29 CFR 1910.1200.

2.3. Other hazards

None known

3. Composition/information on ingredients**Classification according to Regulation 29CFR 1910.1200**

Chemical Name	NJ Trade secrets CAS-No.	Concentration [%]	Classification
1,2-Propanediol	- 57-55-6	2.5% - 5%	
2-Propanol, 1,1'- iminobis-	- 110-97-4	< 1%	H319, 2, Eye Irrit.

No hazardous ingredients acc. the 1999/45/EC and 67/548/EEC directives.

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

2 / 9



Texts of H phrases, see in Chapter 16

4. First aid measures

4.1. Description of first aid measures

- General advice : Remove soiled or soaked clothing immediately
- Inhalation : Remove individual from site of exposure to fresh air.
- Skin contact : Immediately and thoroughly, wash off with soap and water.
- Eye contact : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
- Ingestion : If swallowed, seek medical attention and show MSDS.

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

- Symptoms : No special hints.

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

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Unsuitable extinguishing media : Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released:
- Carbon monoxide, carbon dioxide, silicon dioxide

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2. Environmental precautions

Do not allow to enter drains or waterways
Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder)
Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

7.1. Precautions for safe handling

- Advice on safe handling : No special measures necessary if stored and handled as prescribed.
- Handling :
no data available
- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.
No other precautions required.

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version **3.1 / US**
Revision date ---
Print Date **31.10.2014**
Page **3 / 9**



General protective measures : Do not inhale gases/vapours/aerosols.
Avoid contact with eyes and skin

7.2. Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information : No special measures required.

Storage

Information : none

Further information on storage conditions : Keep container tightly closed

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term
1,2-Propanediol	57-55-6	WEEL (2010)	TWA	10 mg/m ³	

8.2. Exposure controls

Engineering controls

Appropriate engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

Personal protective equipment

Eye protection : Use chemical resistant goggles or safety glasses with side shields.

Hand protection : Examples of suitable gloves are those made by the company Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, e-mail vertrieb@kcl.de, with subsequent specification (test according to EN374); specific workplace conditions must be separately taken into account.

These recommendations apply only to the product mentioned in the material data safety sheet that we supply and the purpose that we indicate.

Glove material: gloves made of nitril (NBR)

Break through time: 480 min

Glove thickness: 0.11 mm

Glove material: gloves made of natural latex

Break through time: 480 min

Glove thickness: 0.5 mm

Glove material: gloves made of chloroprene (CR, e.g. Neoprene)

Break through time: 480 min

Glove thickness: 0.65 mm

Glove material: gloves made of butyl (IIR)

Break through time: 480 min

Glove thickness: 0.7 mm

Body Protection : protective clothing

Respiratory protection : Respiratory protection is not required.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : liquid

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

4 / 9



Form : liquid
Colour : yellowish
Odour : slight, typical
Odour Threshold : not measured

pH : 10 - 10.8 (20 °C)
40 g/l
Remarks: water

Melting point : not measured

Boiling point : not measured

Flash point : > 212 °F

Evaporation rate : Unavailable

Flammability : no data available

Upper
Explosion/Ignition
Limit : not measured
Lower explosion limit : not measured

Vapour pressure : not measured

Relative vapour
density : not measured
Relative density : no data available

Solubility : not measured

Water solubility : soluble

Partition coefficient
(n-octanol/water) : not measured
Autoignition
temperature : not measured
Thermal
decomposition : not measured
Viscosity, kinematic : no data available

Viscosity, dynamic : 1,100 - 1,500 mPa·s
(25 °C)

Explosive properties : not measured

Oxidising properties : not measured

9.2. Other information

Density : 1.03 - 1.05 g/cm³
(20 °C)

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

5 / 9



Metal corrosion : not measured

Ignition temperature : not measured

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

None

10.5. Incompatible materials

Unknown

10.6. Hazardous decomposition products

None with proper storage and handling.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : no data available

Acute toxicity (inhalation) : no data available

Acute toxicity (dermal) : no data available

Irritation/corrosion of the skin : no data available

Serious eye damage/ eye irritation : no data available

Respiratory/skin sensitization : no data available

Repeated dose toxicity : no data available

CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Specific Target Organ Toxicity - Single exposure : no data available

Specific Target Organ Toxicity - Repeated exposure : no data available

Aspiration hazard : No Aspiration toxicity classification

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

6 / 9



Other information : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.
Eye contact may produce an oil film over the eye-ball causing a harmless reversible shortlasting dimness of sight.

12. Ecological information

Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

12.1. Toxicity

Aquatic toxicity, fish :
no data available

Aquatic toxicity, invertebrates :
Remarks: no data available

Aquatic toxicity, algae / aquatic plants :
no data available

Toxicity in microorganisms :
no data available

chronic toxicity in fish :
no data available

Chronic toxicity in aquatic Invertebrates :
no data available

Toxicity in organisms which live in the soil :
no data available

Toxicity in terrestrial plants :
no data available

Toxicity to Above-Ground Organisms :
no data available

12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available

Physico-chemical removability : no data available

Biochemical Oxygen Demand (BOD) : no data available

Chemical Oxygen Demand (COD) : no data available

relation of BOD/COD : no data available

Dissolved organic carbon (DOC) : no data available

Adsorbed organic bound halogens (AOX) : no data available

Distribution among environmental compartments : no data available

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

7 / 9



12.3. Bioaccumulative potential

Bioaccumulation : no data available

12.4. Mobility in soil

Environmental distribution : no data available

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment : No data available

12.6. Other adverse effects

General Information : Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

13.1. Waste treatment methods

Product : 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

Not dangerous according to transport regulations.

14.1 UN number: --
14.2 UN proper shipping name: --
14.3 Transport hazard class(es): --
14.4 Packing group: --
14.5 Environmental hazards: --
14.6 Special precautions for user: No

15. Regulatory information

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.

Canada : WHMIS CLASSIFICATION
Non-WHMIS
This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

1,2-propanediol 57-55-6
2-Propanol, 1,1'-iminobis- 110-97-4

Other regulations : CTFA: complies

SARA Title III Section 311/312 Hazard Categories : No SARA Hazards

State Right to Know : MASS RTK: YES
• 2-Propanol, 1,1'-iminobis- (CAS-No.: 110-97-4)

RH IS RTK: YES
• 1,2-Propanediol (CAS-No.: 57-55-6)

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version **3.1 / US**
Revision date ---
Print Date **31.10.2014**
Page **8 / 9**



NJ RTK: YES

- 1,2-Propanediol (CAS-No.: 57-55-6)

PENN RTK: YES

- 1,2-Propanediol (CAS-No.: 57-55-6)
- 2-Propanol, 1,1'-iminobis- (CAS-No.: 110-97-4)

SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.

HMIS Ratings	Health:	1
	Flammability:	1
	Reactivity:	0
	Personal Protection:	X

Notification status

USA (TSCA) : listed/registered or exempted
Canada (DSL) : listed/registered or exempted

16. Other information

List of references

Revision date : ---

Relevant H phrases from chapter 3

H319 : Causes serious eye irritation.

Changes since the last version are highlighted in the margin. This version replaces all previous versions. This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

SAFETY DATA SHEET (SDS-US)

TEGOSTAB B 4900

VA-No.

Version

3.1 / US

Revision date

Print Date

31.10.2014

Page

9 / 9

**Legend**

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADNR	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
ASTM	American Society for Testing and Materials
ATP	Adaptation to Technical Progress
BCF	Bioconcentration factor
BetrSichV	German Ordinance on Industrial Safety and Health
c.c.	closed cup
CAS	Chemical Abstract Services
CESIO	European Committee of Organic Surfactants and their Intermediates
ChemG	German Chemicals Act
CMR	carcinogenic-mutagenic-toxic for reproduction
DIN	German Institute for Standardization
DMEL	Derived minimum effect level
DNEL	Derived no effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EC50	half maximal effective concentration
GefStoffV	German Ordinance on Hazardous Substances
GGVSEB	German ordinance for road, rail and inland waterway transportation of dangerous goods
GGVSee	German ordinance for sea transportation of dangerous goods
GLP	Good Laboratory Practice
GMO	Genetic Modified Organism
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ISO	International Organization For Standardization
LOAEL	Lowest observed adverse effect level
LOEL	Lowest observed effect level
NOAEL	No observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
o. c.	open cup
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative, toxic
PEC	Predicted effect concentration
PNEC	Predicted no effect concentration
REACH	REACH registration
RID	Convention concerning International Carriage by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substances of Very High Concern
TA	Technical Instructions
TPR	Third Party Representative (Art. 4)
TRGS	Technical Rules for Hazardous Substances
VCI	German chemical industry association
vPvB	very persistent, very bioaccumulative
VOC	volatile organic compounds
VwVwS	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
WGK	Water Hazard Class
WHO	World Health Organization