

## 1 IDENTIFICATION

### Product Identifier

Name: **TerraMEND** CONCRETE MENDER - B SIDE

### Details

Valence Supply

13617 Inwood Rd, Suite 270

Dallas Tx 75244

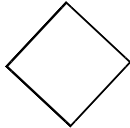
214-766-7818

### Emergency telephone number:

INFOTRAC (24 HOURS) USA 1-800-535-5053 / INTERNATIONAL 1-352-323-3500 USE ONLY FOR HAZARDOUS MATERIALS ( OR DANGEROUS GOODS) INCIDENT - SPILLS, LEAKS, FIRE, EXPOSURE, OR ACCIDENT CN109479

## 2 HAZARD(s) IDENTIFICATION

### Classification of the substance or mixture



GHS08 Health hazard

Asp. Tox. 1 H304. May be fatal if swallowed and enters airways.

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### Label elements

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS)

### Hazard pictograms



GHS08



**HAZARD(S) IDENTIFICATION cont.**

**Signal word** Danger

**Hazard-determining components of labeling:**

Solvent naphta (petroleum) heavy aliph.

Distillates (petroleum), hydro-treated light

**Hazard statements**

May be fatal if swallowed and enters airway.

**Precautionary statements**

If swallowed: Immediately call a poison center/doctor.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system:**

**NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 1  
Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0  
Fire = 1  
Reactivity = 0

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.



### 3 Composition/information on ingredients

**Chemical characterization: Mixtures**

**Description:** Mixture of the substances listed below with nonhazardous additions.

<b>Dangerous Components:</b>		
64742-96-7 16%	Solvent naphta (petroleum) heavy aliph.	0.1 -
64742-47-8 16%	Disillates (petroleum), hydrotreated light	0 -

### 4 First-aid measures

**Description of first aid measures**

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting

**Extinguishing media**

**Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

**Special hazards arising from the substance or mixture** No further relevant information available.

**Advice for firefighters**

**Protective equipment:** No special measures required.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Not required.

**Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### Protective Action Criteria for Chemicals

<b>PAC-1:</b>	
102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	34 mg/m <sup>3</sup>
1313-59-3 sodium monoxide	0.5 mg/m <sup>3</sup>
12136-45-7dipotassium oxide	0.18 mg/m <sup>3</sup>
1305-78-8 calcium oxide	6 mg/m <sup>3</sup>
<b>PAC-2:</b>	
102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	369 mg/m <sup>3</sup>
1313-59-3 sodium monoxide	5 mg/m <sup>3</sup>
12136-45-7dipotassium oxide	2 mg/m <sup>3</sup>
1305-78-8 calcium oxide	650 mg/m <sup>3</sup>

**Accidental release measures cont.**

<b>PAC-3:</b>	
102-60-3 1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	2,200 mg/m <sup>3</sup>
1313-59-3 sodium monoxide	49 mg/m <sup>3</sup>
12136-45-7 dipotassium oxide	54 mg/m <sup>3</sup>
1305-78-8 calcium oxide	650 mg/m <sup>3</sup>

**7 Handling and storage****Handling:**

**Precautions for safe handling** No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities****Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

**Additional information about design of technical systems:** No further data; see item 7.

**Control parameters**

**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.



### **Accidental release measures cont.**

**Additional information:** The lists that were valid during the creation were used as basis.

#### **Exposure controls**

#### **Personal protective equipment:**

#### **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

**Breathing equipment:** Not required.

#### **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Goggles recommended during refilling.

**9 Physical and chemical properties**

<b>Information on basic physical and chemical properties</b>	
<b>General Information</b>	
<b>Appearance: Form:</b>	
<b>Color:</b>	Liquid
<b>Odor:</b>	Clear to slightly
<b>Order threshold:</b>	Not determined
<b>pH-value:</b> Not determined.	
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined. 200 °C (392 °F)
<b>Boiling point/Boiling range:</b>	
<b>Flash point:</b>	101 °C (213.8 °F)
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	210 °C (410 °F)
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits: Lower:</b>	0.5 Vol %
<b>Upper:</b>	6.5 Vol %
<b>Vapor pressure at 20 °C (68 °F):</b> 2 hPa (1.5 mm Hg)	
<b>Density:</b>	Not determined. Not determined.
<b>Relative density</b>	Not determined. Not determined.
<b>Vapor density</b>	
<b>Evaporation rate</b>	



**Physical and chemical properties cont.**

<b>Solubility in / Miscibility with Water:</b>	Fully miscible.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Solvent content:</b>	
<b>VOC content:</b>	0.00% 0.0 g/l / 0.00 lb/gal
<b>Other information</b>	No further relevant information available.

**10 Stability and reactivity**

<b>Reactivity</b>	No further relevant information available
<b>Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	No further relevant information available
<b>Incompatible materials:</b>	No further relevant information available
<b>Hazardous decomposition products:</b>	No dangerous decomposition products known.



## 11 Toxicological information

### Information on toxicological effects

#### Acute toxicity:

#### Primary irritant effect:

**on the skin:** No irritant effect.

**on the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

#### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

#### Carcinogenic categories

<b>IRAC (International Agency for Research on Cancer)</b>
None of the ingredients is listed.
<b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
None of the ingredients is listed.

## 12 Ecological information

### Toxicity

#### Aquatic toxicity:

No further relevant information available

#### Persistence and degradability

No further relevant information available

#### Behavior in environmental systems:

#### Bio accumulative potential

No further relevant information available



### Toxicological information cont.

**Mobility in soil**

No further relevant information available

**Additional ecological information :**

**General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

**Other adverse effects** No further relevant information available

### 13 Disposal considerations

**Waste treatment methods Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

<b>UN-Number</b> <b>DOT, IMDG, IATA</b>	Not regulated
<b>UN proper shipping name</b> <b>DOT, IMDG, IATA</b>	Not regulated
<b>Transport hazard class(es)</b>  <b>DOT, ADN, IMDG, IATA</b> <b>Class</b>	Not regulated
<b>Packing group</b> <b>DOT, IMDG, IATA</b>	Not regulated
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions for user</b>	Not applicable
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
<b>UN "Model Regulation":</b>	Not regulated

## 15 Regulatory information

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

No further relevant information available

#### Sara

<b>Section 355 (extremely hazardous substances):</b>
None of the ingredients is listed.
<b>Section 313 (Specific toxic chemical listings):</b>
None of the ingredients is listed.
<b>TSCA (Toxic Substances Control Act):</b>
All components have the value ACTIVE.

**Regulatory information cont.**

<b>Hazardous Air Pollutants</b>
None of the ingredients is listed.

**Proposition 65**

<b>Chemicals known to cause cancer:</b>
None of the ingredients is listed.

<b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed.

<b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.

<b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.

**Carcinogenic Categories**

<b>EPA (Environmental Protection Agency)</b>
None of the ingredients is listed.

<b>TLV (Threshold Limit Value)</b>
None of the ingredients is listed.

<b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
None of the ingredients is listed.

## Regulatory information cont.

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS). **Hazard pictograms**



GHS08

**Signal word** Danger

### Hazard-determining components of labeling:

Solvent naphta (petroleum), heavy aliph.  
Distillates (petroleum), hydrotreated light

### Hazard statements

May be fatal if swallowed and enters airways.

### Precautionary statements

If swallowed: Immediately call a poison center/doctor.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with logical/regional/national/international regulations.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Contact: Valence Supply**

**Date of preparation / last revision** 12/20/2021

**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Asp. Tox. 1: Aspiration hazard – Category 1