



### Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 05/19/2017

Reviewed on 05/19/2017

## 1 Identification

· **Product Identifier**

· **Trade name: Linebacker Qwik Fix**

· **Relevant identified uses of the substance or mixture and uses advised against:**

· **Product Description**

A blend of a binding agent and aggregate to be used as a soil stabilizer and liner for sand bunkers and other soil stabilization uses

· **Details of the Supplier of the Safety Data Sheet:**

· **Manufacturer/Supplier:**

BunkersPlus LLC  
931 American Pacific Drive, Suite 104  
Henderson, NV 89014  
TEL: 702-629-7545

· **Emergency telephone number:**

Chemtrec – 24 hour within US and Canada 1-800-424-9300  
24 hour international 1-703-527-3887  
702-315-5121  
702-629-7545

## 2 Hazard(s) Identification

· **Classification of the substance or mixture:**



GHS08 Health hazard

Carc. 1A H350 May cause cancer.

STOT RE 1 H372-H373 Causes damage to organs through prolonged or repeated exposure. May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

Eye Irrit. 2B H320 Causes eye irritation.

· **Label elements:**

· **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:**

Proprietary component

· **Hazard statements:**

H320 Causes eye irritation.

H350 May cause cancer.

H372-H373 Causes damage to organs through prolonged or repeated exposure. May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.



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**Precautionary statements:**

- P202 Do not handle until all safety precautions have been read and understood.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Unknown acute toxicity:**

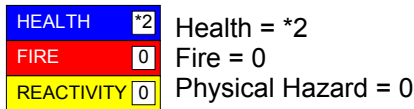
This value refers to knowledge of known, established toxicological or ecotoxicological values. 95 % of the mixture consists of component(s) of unknown toxicity.

**Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

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



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



**Hazard(s) not otherwise classified (HNOC):** None known

### 3 Composition/Information on Ingredients

- Chemical characterization: Mixtures**
- Description:** Mixture of substances listed below with non-hazardous additions.

**Dangerous Components:**

Proprietary component	4.0-6.0%
☠ Carc. 1A, H350; STOT RE 1, H372; ⚠ Acute Tox. 4, H332; STOT SE 3, H335; Eye Irrit. 2B, H320	
Proprietary cement	4.0-6.0%
⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	

**Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

### 4 First-Aid Measures

- Description of first aid measures:**
- After inhalation:** Supply fresh air; consult doctor in case of complaints.
- After skin contact:**  
Immediately rinse with water.  
If skin irritation occurs, consult a doctor.
- After eye contact:**  
If eye irritation occurs, consult a doctor.  
Rinse opened eye for several minutes under running water.
- After swallowing:** If swallowed and symptoms occur, consult a doctor.



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- **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 Measures

- **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:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

#### \* 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**  
Dispose of the collected material according to regulations.
- **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>	
Proprietary component	0.075 mg/m3
· <b>PAC-2:</b>	
Proprietary component	33 mg/m3
· <b>PAC-3:</b>	
Proprietary component	200 mg/m3

#### 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:** None.
- **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 section 7.

(Contd. on page 4)



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- **Control parameters:**
- **Components with occupational exposure limits:**  
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

14808-60-7 Quartz in woven textile	
PEL	see Quartz listing
REL	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m <sup>3</sup> *as respirable fraction

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

- **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 cannot 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 determined and observed by the manufacturer of the protective gloves.
- **Eye protection:** Not required.

### 9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - **Form:** Dry, Gritty powder
  - **Color:** Off-white to tan
  - **Odor:** Earthy
  - **Odor threshold:** Not determined.
- **pH-value:** 10-11
- **Change in condition**
  - **Melting point/Melting range:** Not determined.
  - **Boiling point/Boiling range:** 999 °C (1830 °F)
- **Flash point:** None

(Contd. on page 5)

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- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapor pressure:** Not applicable.
- **Density @ 20 °C (68 °F):** 45 lbs/ft<sup>3</sup>
- **Relative density:** Not determined.
- **Vapor density:** Not applicable.
- **Evaporation rate:** Not applicable.
- **Solubility in / Miscibility with:**
  - Water:** Insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not applicable.
  - Kinematic:** Not applicable.
- **Solvent content:**
  - Organic solvents:** 0.0 %
- **Other information:** No further relevant information available.

**10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Strong oxidizers or acids
- **Hazardous decomposition products:** No dangerous decomposition products known.

**\*11 Toxicological Information**

- **Information on toxicological effects:**
  - **Acute toxicity:**
  - **Primary irritant effect:**
  - **On the skin:** No irritating effect.
  - **On the eye:** No irritating effect.
- **Additional toxicological information:**
- **Carcinogenic categories:**
  - **IARC (International Agency for Research on Cancer):**
    - Group 1 - Carcinogenic to humans
    - Group 2A - Probably carcinogenic to humans

(Contd. on page 6)



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- Group 2B - Possibly carcinogenic to humans
- Group 3 - Not classifiable as to its carcinogenicity to humans
- Group 4 - Probably not carcinogenic to humans

Proprietary component	1
<b>· NTP (National Toxicology Program):</b>	
Proprietary component	K
<b>· OSHA-Ca (Occupational Safety &amp; Health Administration):</b>	
None of the ingredients are listed.	

### 12 Ecological Information

- Toxicity:**
- Aquatic toxicity:** No further relevant information available.
- Persistence and degradability:** No further relevant information available.
- Behavior in environmental systems:**
- Bioaccumulative potential:** No further relevant information available.
- Mobility in soil:** No further relevant information available.
- Additional ecological information:**
- General notes:**  
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- 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. Observe all federal, state and local environmental regulations when disposing of this material.
- Uncleaned packagings**
- Recommendation:** Disposal must be made according to official regulations.

### 14 Transport Information

- UN-Number:**
- DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- UN proper shipping name:**
- DOT, ADR/ADN, ADN, IMDG, IATA** Non-Regulated Material
- Transport hazard class(es):**
- DOT, ADR/ADN, ADN, IMDG, IATA**
- Class:** Non-Regulated Material
- Packing group:**
- DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- Environmental hazards:** Not applicable.

(Contd. on page 7)



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- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

### \* 15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act):**

Proprietary Aggregate

Proprietary component

· **California Proposition 65:**

· **Chemicals known to cause cancer:**

Proprietary component

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **New Jersey Right-to-Know List:**

Proprietary component

· **New Jersey Special Hazardous Substance List:**

Proprietary component

CA

· **Pennsylvania Right-to-Know List:**

Proprietary component

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients are listed.

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH):**

Proprietary component

A2

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

Proprietary component



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The product is classified and labeled according to the Globally Harmonized System (GHS).

**· Hazard pictograms:**

GHS08

**· Signal word: Danger****· Hazard-determining components of labeling:**

Proprietary component

**· Hazard statements:**

H320 Causes eye irritation.

H350 May cause cancer.

H372-H373 Causes damage to organs through prolonged or repeated exposure. May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

**· Precautionary statements:**

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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

**· National regulations:**

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

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

### 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

**· Date of preparation / last revision: 05/19/2017 / 1****· Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

(Contd. on page 9)





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OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Carc. 1A: Carcinogenicity – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

· \* **Data compared to the previous version altered.**

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