

# SAFETY DATA SHEET

## VME-100

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Printed: 06/18/2019  
Revision: 03/26/2018

### 1. Product and Company Identification

**Product Code:** 02080  
**Product Name:** VME-100  
**Company Name:** Complus Trading  
515 Katy Frwy, Suite 140  
77007, TX  
**Phone Number:** (830)200-5119  
**Emergency Contact:** Brad Mothersbaugh  
**Synonyms:** NR-0005

### 2. Hazards Identification

**Acute Toxicity: Oral, Category 5**  
**Skin Corrosion/Irritation, Category 3**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Aquatic Toxicity (Acute), Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H303 - May be harmful if swallowed.  
H316 - Causes mild skin irritation.  
H318 - Causes serious eye damage.  
H400 - Very toxic to aquatic life.

**GHS Precaution Phrases:** P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P332+313 - If skin irritation occurs, get medical advice/attention.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:** P501 - Dispose of contents/container to ...

**OSHA Regulatory Status:** While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

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**Potential Health Effects (Acute and Chronic):** Hazards not otherwise classified (HNOC) or not covered by GHS -none.  
Chronic: None.

**Inhalation:** No hazard expected in normal industrial use.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestion:** No hazard expected in normal industrial use.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
7732-18-5	Water	48.0 -92.0 %	
1344-09-8	Sodium silicate	2.0 -17.0 %	
19803-43-1	ammonium methyl sulphate	0.001 -8.0 %	
NA	Surfactant Blend	8.0 -27.0 %	

### 4. First Aid Measures

**Emergency and First Aid Procedures:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**In Case of Inhalation:** If breathed in, move person into fresh air. Consult a physician.

**In Case of Skin Contact:** No specific treatment is necessary, since this material is not likely to be hazardous. Wash off with soap and plenty of water. Consult a physician.

**In Case of Eye Contact:** No specific treatment is necessary, since this material is not likely to be hazardous. Flush eyes with water as a precaution.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Signs and Symptoms Of Exposure:** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed:** No data available.

**Note to Physician:** Treat symptomatically and supportively.

### 5. Fire Fighting Measures

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Wear self contained breathing apparatus for fire fighting if necessary. Further information. No data available.

**Flammable Properties and Hazards:** Sodium oxides.

**Hazardous Combustion Products:** No data available.

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### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust.  
For personal protection see section 8.

**Environmental Precautions:** Do not let product enter drains.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.  
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

**Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

**Other Precautions:** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
1344-09-8	Sodium silicate	No data.	No data.	No data.
19803-43-1	ammonium methyl sulphate	No data.	No data.	No data.
NA	Surfactant Blend	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required. Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143 dust masks).

**Eye Protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Protective Gloves:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full contact.  
Material: Nitrile rubber Minimum layer thickness: 0.11 mm.  
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Other Protective Clothing:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Environmental Exposure Controls:** Do not let product enter drains.

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### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Appearance and Odor:** No data available.  
**pH:** No data.  
**Melting Point:** No data.  
**Boiling Point:** No data.  
**Flash Pt:** No data.  
**Evaporation Rate:** No data.  
**Flammability (solid, gas):** No data available.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Specific Gravity (Water = 1):** No data.  
**Solubility in Water:** No data.  
**Octanol/Water Partition Coefficient:** No data.  
**Autoignition Pt:** No data.  
**Decomposition Temperature:** No data.  
**Viscosity:** No data.

### 10. Stability and Reactivity

**Reactivity:** No data available.  
**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** No data available.  
**Incompatibility - Materials To Avoid:** Strong acids, chemically active metals.  
**Hazardous Decomposition or Byproducts:** In the event of fire: see section 5.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

### 11. Toxicological Information

<b>Toxicological Information:</b>	Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects: Neurotoxicity: Other Studies: Acute toxicity: no data available. Inhalation: Dermal. Germ cell mutagenicity. Reproductive toxicity. Aspiration hazard:
<b>Irritation or Corrosion:</b>	Skin corrosion/irritation. No data available. Serious eye damage/eye irritation: no data available.
<b>Sensitization:</b>	No data available.
<b>Chronic Toxicological Effects:</b>	Specific target organ toxicity -single exposure (Globally Harmonized System) No data available. Specific target organ toxicity -repeated exposure: no data available.
<b>Carcinogenicity/Other Information:</b>	CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
<b>Carcinogenicity:</b>	NTP? No      IARC Monographs? No      OSHA Regulated? No

### 12. Ecological Information

<b>General Ecological Information:</b>	No data available.
<b>Results of PBT and vPvB assessment:</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.

### 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed. Product. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging.
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### 14. Transport Information

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**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated for transport. (CHEMTREC 800-424-9300 -- CCN23740 )  
**DOT Hazard Class:**  
**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not regulated for transport.

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not regulated for transport.

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** UN3082, Environmentally hazardous substance, liquid, n.o.s., (Ammonium Methyl Sulfate), 9, PG III.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** UN3082, Environmentally hazardous substance, liquid, n.o.s., (Ammonium Methyl Sulfate), 9, PG III.

**Additional Transport Information:**

The information accumulated herein is believed to be accurate based on the information provided, although no guarantee or warranty, either expressed or implied is made as to the accuracy or completeness of this information, whether originating from this company or not. Recipients are advised to confirm, in advance of need, that the information is correct, applicable, and suitable to their circumstances. The conditions or methods of handling, storage, use, and disposal of the product and container are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, or use of this information or product. If the product is used as a component in another product, this information may not be applicable.

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
1344-09-8	Sodium silicate	No	No	No
19803-43-1	ammonium methyl sulphate	No	No	No
NA	Surfactant Blend	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute (immediate) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7732-18-5	Water	TSCA: Yes - Inventory
1344-09-8	Sodium silicate	TSCA: Yes - Inventory
19803-43-1	ammonium methyl sulphate	TSCA: No
NA	Surfactant Blend	TSCA: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
7732-18-5	Water	Canadian DSL: Yes; Korea ECL: Yes - KE-35400; Philippines

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		ICCS: Yes
1344-09-8	Sodium silicate	Canadian DSL: Yes; Korea ECL: Yes - KE-31002; Philippines ICCS: Yes
19803-43-1	ammonium methyl sulphate	Canadian DSL: No; Korea ECL: Yes - KE-01706; Philippines ICCS: No
NA	Surfactant Blend	Canadian DSL: No; Korea ECL: No; Philippines ICCS: No

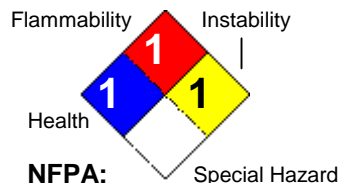
### 16. Other Information

**Revision Date:** 03/26/2018

**Hazard Rating System:**

HEALTH	1
FLAMMABILITY	1
PHYSICAL	1
PPE	C

**HMIS:**



**NFPA:**

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**

The information accumulated herein is believed to be accurate based on the information provided, although no guarantee or warranty, either expressed or implied is made as to the accuracy or completeness of this information, whether originating from this company or not. Recipients are advised to confirm, in advance of need, that the information is correct, applicable, and suitable to their circumstances. The conditions or methods of handling, storage, use, and disposal of the product and container are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, or use of this information or product. If the product is used as a component in another product, this information may not be applicable.