

**SAFETY DATA SHEET**  
**2X Multi-Purpose Biological Cleaner and**  
**Deodorizer**

## 1. Product and Company Identification

**Product Code:** 00151  
**Product Name:** 2X Multi-Purpose Biological Cleaner and Deodorizer  
**Company Name:** Vellex, Inc. **Phone Number:**  
2548 Barrington Court (510)460-1027  
Hayward, CA 94545  
**Web site address:** www.vellexclean.com  
**Email address:** info@vellex.ch  
**Emergency Contact:** CERTS (Human/Environment exposure ) (800)552-3787  
**Information:** Sales& information (916)371-5943

## 2. Hazards Identification

**GHS Signal Word:** None  
**GHS Hazard Phrases:** No phrases apply.  
**GHS Precaution Phrases:** No phrases apply.  
**GHS Response Phrases:** No phrases apply.  
**GHS Storage and Disposal Phrases:** No phrases apply.

**Potential Health Effects (Acute and Chronic):**

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	2.0 -6.0 %
68585-47-7	Sodium lauryl sulfate	2.0 -10.0 %

## 4. First Aid Measures

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** Remove victim to fresh air.  
**In Case of Skin Contact:** Rinse skin with water/shower.  
**In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.  
**In Case of Ingestion:** Rinse mouth. If victim is fully conscious, give a cupful of water. Get medical advice/attention.

## 5. Fire Fighting Measures

**Flash Pt:** NP  
**Explosive Limits:** LEL: N.A. UEL: N.A.  
**Autoignition Pt:** NP  
**Suitable Extinguishing Media:** Material is non-combustible. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.  
**Unsuitable Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.  
**Fire Fighting Instructions:** Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.

**Flammable Properties and Hazards:**

**SAFETY DATA SHEET**  
**2X Multi-Purpose Biological Cleaner and**  
**Deodorizer**

**Hazardous Combustion**

**Products:**

**6. Accidental Release Measures**

**Protective Precautions, Protective Equipment and Emergency Procedures:** Eye protection is recommended. Handle with gloves.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb on sand or vermiculite and place in closed containers for disposal.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:** Keep container closed when not in use.

**Precautions To Be Taken in Storing:** Keep container closed when not in use.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides			
68585-47-7	Sodium lauryl sulfate			

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Safety glasses.

**Protective Gloves:** Rubber gloves.

**Other Protective Clothing:** Clothes to prevent skin contact.

**Engineering Controls (Ventilation etc.):** Good general ventilation should be sufficient to control airborne levels.

**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Blue liquid with pleasant fragrance

**pH:** 6.0 - 8.0

**Freezing Point:** - 0.00 C

**Boiling Point:** ~ 100.00 C - 0.00 C

**Flash Pt:** NP

**Evaporation Rate:** < 1 (H2O=1) at 20.0 C

**Flammability (solid, gas):** Non Combustible.

**Explosive Limits:** LEL: N.A. UEL: N.A.

**Vapor Pressure (vs. Air or mm Hg):**

**Vapor Density (vs. Air = 1):** NE

Page: 3 of 4

**SAFETY DATA SHEET**  
**2X Multi-Purpose Biological Cleaner and**  
**Deodorizer**

Revision: 04/25/2016

**Specific Gravity (Water = 1):** 1.01 - 1.02 at 2.0 C  
**Solubility in Water:** Dispersible  
**Octanol/Water Partition Coefficient:**  
**Percent Volatile:** > 80.0 % by weight.  
**Autoignition Pt:** NP  
**Decomposition Temperature:** NE  
**Viscosity:** Syrup like

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** None.  
**Incompatibility - Materials To Avoid:** None identified.  
**Hazardous Decomposition or Byproducts:** No data available.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** Product will not undergo polymerization.

### 11. Toxicological Information

**Toxicological Information:** No data available.  
**Irritation or Corrosion:** No information found.  
**Symptoms related to Toxicological Characteristics:** No information found.  
**Chronic Toxicological Effects:** No information reported.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	n.a.	n.a.	n.a.	n.a.
68585-47-7	Sodium lauryl sulfate	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

**General Ecological Information:** No information reported.  
**Persistence and Degradability:** No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Observe all federal, state, and local environmental regulations.

### 14. Transport Information

**SAFETY DATA SHEET**  
**2X Multi-Purpose Biological Cleaner and**  
**Deodorizer**

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material.

**DOT Hazard Class:**

**UN/NA Number:**

**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)
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	No	No	No
68585-47-7	Sodium lauryl sulfate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
68585-47-7	Sodium lauryl sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

**16. Other Information**

**Revision Date:** 04/25/2016

**Hazard Rating System:**

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		B

**HMIS:**

**Additional Information About**

**This Product:**

**Company Policy or**

**Disclaimer:**

THE INFORMATION CONTAINED HEREIN is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.