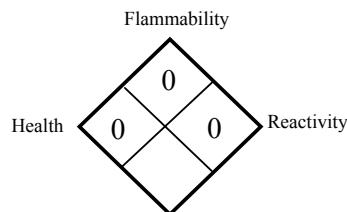


# MATERIAL SAFETY DATA SHEET

## L-78E

### NFPA Hazard Rating



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

### Section 1 - Product Identification

J. WALTER INC.  
810 Day Hill Road  
Windsor, CT 06095

**Trade name:** **Bio-Circle L**  
**Product name:** Bioremediant cleaner/degreaser  
**Order no.:** 55-A 007, 55-A 008, 55-A 009  
**WHMIS Classification:** Not controlled  
**Controlled under WHMIS:** No

**Emergency:** INFOTRAC (800) 535-5053

### Section 2 - Hazardous Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD<sub>50</sub>RAT</u>	<u>LC<sub>50</sub>RAT</u>
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No hazardous substances to declare.

### Section 3 - Physical / Chemical Characteristics

<b>Physical state:</b> Liquid	<b>Odor &amp; appearance:</b> Mild, apple	<b>Odor threshold:</b> N/Av
<b>pH:</b> 8.5	<b>Boiling point:</b> 208°F	<b>Freezing point:</b> 32°F
<b>Specific gravity:</b> 1.02 g/ml @ 68°F	<b>Vapor pressure:</b> N/Av	<b>Vapor density:</b> N/Av
<b>Evaporation rate:</b> N/A	<b>VOC g/l:</b> 0 g/liter	<b>Water solubility:</b> Soluble

### Section 4 - Fire & Explosion Hazard

<b>Flammability:</b> No	<b>Conditions:</b> None	<b>Extinguishing media:</b> N/A
<b>Flashpoint:</b> N/A		<b>Hazardous combustion products:</b> Normal combustion products.
<b>Auto ignition temperature:</b> N/A		<b>Sensitivity to mechanical impact or static discharge:</b> N/A
<b>Flammable limits (%):</b> Upper: N/A Lower: N/A		

### Section 5 - Reactivity Data

<b>Chemical stability:</b> Yes	<b>Conditions:</b> None
<b>Reactivity conditions:</b> None	
<b>Incompatible substances:</b> Alkalines, acids and strong oxidizers.	
<b>Hazardous decomposition products:</b> N/A	

N/A - Not Applicable

N/Av - Not Available

**MATERIAL SAFETY DATA SHEET**  
**L-78E****Section 6 - Toxicological Data**

**Route of entry:** Eye and skin contact, ingestion.

**Acute exposure effects:** Prolonged contact may cause skin irritation.

**Chronic exposure effects:** None

**Exposure limits (TLV/TWA):** N/A

**Carcinogenicity**

No

**Mutagenicity**

No

**Reproductive toxicity**

No

**Teratogenicity**

No

**Synergistic effects**

No

**If yes to any of the above, specify:**

**Section 7 - Preventive Measures**

**Protective equipment:** Eye protection and gloves

**Handling procedures:** Follow package instructions.

**Waste disposal methods:** Dispose as per municipal, state, and federal regulations.

**Leak/spill procedures:** Wipe

**Storage requirements:** Between 36°F and 77°F.

**Engineering controls:** None

**Handling equipment:** N/A

**Special shipping information:** Not controlled for transport.

**Section 8 - First Aid Measures**

**Skin contact:** Rinse with water.

**Eye contact:** Rinse eyes thoroughly with water.

**Inhalation:** N/A

**Ingestion:** Rinse mouth and drink plenty of water. Ingestion can cause diarrhea.

**Other:** N/A

**Section 9 - Preparation of MSDS**

**Prepared by:** Chemical Tools Manager

**Telephone:** 860-298-1100

**Date:** August 5, 2009

*This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.*

**N/A - Not Applicable**

**N/Av - Not Available**

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