



## SAFETY DATA SHEET

### **Section 1 - Product and Company Information**

Product Name: **BAC-OFF®**  
Product Number: **4Z0-643** (4mL) **4Z0-644** (10mL)  
Brand: Cell Systems  
Company: Cell Systems  
Street Address: 12815 NE 124 ST Kirkland, WA 98034  
Technical Phone: 425-823-1010  
Fax: 425-820-6762

### **Section 2 - Hazards Identification**

GHS Symbol: N/A  
Signal Word: N/A  
HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0  
NFPA RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0  
For additional information on toxicity, please refer to Section 11.

### **Section 3 - Composition/Information on Ingredient**

This product contains no substances which at their given concentration, are considered to be hazardous to health.

### **Section 4 - First Aid Measures**

ORAL EXPOSURE: If swallowed, wash out mouth with water provided person is conscious. Call a physician.  
INHALATION EXPOSURE: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.  
DERMAL EXPOSURE: In case of contact, immediately wash skin with soap and copious amounts of water.  
EYE EXPOSURE: In case of contact with eyes, flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### **Section 5 - Fire Fighting Measures**

FLASH POINT: N/A

AUTOIGNITION TEMP: N/A

FLAMMABILITY: N/A

EXTINGUISHING MEDIA Suitable: Water spray, dry chemical powder or appropriate foam.

FIREFIGHTING: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### **Section 6 - Accidental Release Measures**

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Exercise appropriate precautions to minimize direct contact with skin or eyes.

METHODS FOR CLEANING UP: Soak up material with absorbent towel. Ventilate area and wash spill site after material pickup is complete.

### **Section 7 - Handling and Storage**

HANDLING:

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE:

Suitable: Keep tightly closed.

Ship: at ambient temperature.

Store: 4 – 8 ° C

### **Section 8 - Exposure Controls / PPE**

ENGINEERING CONTROLS: Use fume hood or other appropriate ventilation method. Available safety shower and eye bath

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Wear dust or surgical mask

Hand: Protective gloves

Eye: Chemical safety goggles

GENERAL HYGIENE MEASURES: Wash thoroughly after handling.

### **Section 9 - Physical/Chemical Properties**

Appearance Physical State: Amber liquid

Molecular Weight N/A

pH = 7.0-7.4

BP/BP Range N/A

MP/MP Range N/A

Freezing Point N/A

Vapor Pressure N/A

Vapor Density N/A

Saturated Vapor Conc. N/A

Bulk Density N/A

Odor Threshold N/A

Volatile% N/A

VOC Content N/A  
Water Content N/A  
Solvent Content N/A  
Evaporation Rate N/A  
Viscosity N/A  
Surface Tension N/A  
Partition Coefficient N/A  
Decomposition Temp. N/A  
Flash Point N/A  
Explosion Limits N/A  
Flammability N/A  
Autoignition Temp N/A  
Refractive Index N/A  
Optical Rotation N/A  
Miscellaneous Data N/A  
Solubility N/A  
N/A = not available

### **Section 10 - Stability and Reactivity**

#### STABILITY

Chemical Stability: Stable  
Materials to Avoid: N/A  
Hazardous Decomposition Products: Not known  
Hazardous Polymerization: Will not occur  
N/A = not available

### **Section 11 - Toxicological Information**

#### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation  
Skin Absorption: May be harmful if absorbed through the skin.  
Eye Contact: May cause eye irritation  
Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract  
Ingestion: May be harmful if swallowed

#### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

### **Section 12 - Ecological Information**

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

### **Section 13 - Disposal Considerations**

#### APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Isolate product in a tightly closed container and contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

#### **Section 14 - Transport Information**

USDOT Classification: Not a USDOT controlled material.

Inland Waterways (AND): Not a dangerous good in this transport regulation.

Sea Transport (IMDG): Not a dangerous good in this transport regulation.

Air Transport (IATA-DGR): Not a dangerous good in this transport regulation.

#### **Section 15 - Regulatory Information**

TSCA Inventory: Not listed.

SARA LISTED: No

CLEAN AIR ACT, Section 112, Hazardous Air Pollutants (HAP):

Product does not contain HAPs

#### **Section 16 - Other Information**

DISCLAIMER: For R&D use only. Not for drug, household or other uses

WARRANTY: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Cell Systems Corporation, shall not be held liable for any damage resulting from handling or from contact with the above product. See website for additional terms and conditions of sale.

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