



***iQ and iQ TOTAL SENSING STATIONS AND TRAYS  
(EXPRESS TRAY, WEIGHTED LANDSCAPE TRAY, PULSE  
MOUSE STATION, AND PULSE RAT STATION)***

**SAFETY DATA SHEET**

**ACCORDING TO REGULATION:** OSHA Hazard Communication Standard 29 CFR 1910.1200

**DATE OF ISSUE:**  
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**PREPARED BY:**  
CAR

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier:** *iQ and iQ TOTAL SENSING STATIONS AND TRAYS (EXPRESS TRAY, WEIGHTED LANDSCAPE TRAY, PULSE MOUSE STATION, AND PULSE RAT STATION)*

**EPA Registration Number:** NA

**Relevant identified uses:** Radio Sensing Tray for Rodent Bait Containment Device - Ready to use

**Uses advised against:** Use only for the purpose described above

**MANUFACTURER/SUPPLIER:**

Bell Laboratories, Inc.  
3699 Kinsman Blvd.  
Madison, WI 53704, USA  
Email: sds@belllabs.com  
Phone: 608-241-0202  
Medical or Vet Emergency: 877-854-2494 or 952-852-4636  
Spill or Transportation Emergency: 800-424-9300 (CHEMTREC)

**SECTION 2. HAZARDS IDENTIFICATION**

**Classification according to Regulation OSHA 1910.1200(d):** Not classified

**Signal Word:** None

See Section 15 for information on FIFRA applicable safety, health, and environmental classifications.

This product contains a hermetically sealed lithium manganese dioxide battery. Information regarding the battery will be clearly differentiated below. The battery, sealed within the unit, is disposable, and no attempt should be made to access it. Under normal conditions of use no exposure to the battery should be possible.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	% By weight		
<b>Inert and Non-Hazardous Ingredients</b> (Unlisted components are non-hazardous)	Proprietary	100.00%		
For Battery	CAS No.	PEL (OSHA)	TLV (ACGIH)	% by weight
1,2-Dimethoxyethane	110-71-4	None established	None established	5%
Aluminum	7429-90-5	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)	1 mg/m <sup>3</sup> (respirable particulate matter) [2007]	2%
Graphite	7782-42-5	15 mg/m <sup>3</sup> TWA (total dust) 5 mg/m <sup>3</sup> TWA (respirable fraction)	2 mg/m <sup>3</sup> TWA (respirable fraction)	2-3%
Iron	7439-89-6	1 mg/m <sup>3</sup> (Construction and Maritime Industries ONLY)	1 mg/m <sup>3</sup> [1990]	25-30%
Lithium	7439-93-2	None established	None established	3.8%
Lithium perchlorate	7791-03-9	None established	None established	1-1.5%
Manganese dioxide	1313-13-9	5 mg/m <sup>3</sup> Ceiling (as Mn)	0.2 mg/m <sup>3</sup> TWA (as Mn)	46%
Nickel	7440-02-0	1 mg/m <sup>3</sup>	Elemental: 1.5 mg/m <sup>3</sup> (inhalable particulate matter), insoluble inorganic compounds (NOS): 0.2	1%

			mg/m <sup>3</sup> (inhalable particulate matter) [1996]	
Propylene carbonate	108-32-7	None established	None established	7%
Polypropylene	9003-07-0	None established?	None established?	3%
Poly (tetrafluoroethylene)	9002-84-0	None established?	None established?	5%

## SECTION 4. FIRST AID MEASURES

### Description of first aid measures

**Ingestion:** Not applicable  
**Inhalation:** Not applicable  
**Eye contact:** Not applicable  
**Skin contact:** Not applicable  
**Most important symptoms and effects, both acute and delayed:** Not applicable  
**Advice to physician:** Not applicable  
**Advice to Veterinarian:** Not applicable

### Description of first aid measures for battery:

**Ingestion:** Swallowing may lead to serious injury or death in as little as 2 hours due to chemical burns and potential perforation of the esophagus. **Immediately see doctor; have doctor phone 800-498-8666.** Do not induce vomiting or give food or drink.  
**Inhalation:** Provide fresh air and seek medical attention.  
**Skin Contact:** Remove contaminated clothing and wash skin with soap and water.  
**Eye Contact:** Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the chemical remains. Seek medical attention.  
**Note:** Carbon black is listed as a possible carcinogen by International Agency for Research on Cancer (IARC).

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable Extinguishing Media: water, foam or inert gas. Because the product contains a lithium battery, flood area with water or smother with a Class D fire extinguishant appropriate for lithium metal, such as Lith-X. Water may not extinguish burning batteries but will cool the adjacent batteries and control the spread of fire. Burning batteries will burn themselves out. Virtually all fires involving lithium batteries can be controlled by flooding with water.

Unsuitable Extinguishing Media: None known.

The battery may react with water and form hydrogen gas. In a confined space, hydrogen gas can form an explosive mixture. In this situation, smothering agents are recommended. A smothering agent will extinguish burning lithium batteries.

**Special hazards arising from the mixture:** High temperature decomposition or burning in air can result in the formation of toxic gases, which may include carbon monoxide.

**Advice for firefighters:** Wear protective clothing and self-contained breathing apparatus. Burning lithium manganese dioxide batteries produce toxic and corrosive lithium hydroxide fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** None. Non-Toxic

**Environmental precautions:** None. Non-Toxic

### Methods and materials for containment and cleaning up

**For Containment:** None. Non-Toxic

**For Cleaning Up:** None. Non-Toxic

**Reference to other sections:** Refer to Sections 7, 8 & 13 for further details of personal precautions, personal protective equipment and disposal considerations.

### If the battery is found to be leaking:

**Ventilation Requirements:** Room ventilation may be required in areas where there are open or leaking batteries.

**Respiratory Protection:** Avoid exposure to electrolyte fumes from open or leaking batteries.

**Eye Protection:** Wear safety glasses with side shields if handling an open or leaking battery.

**Gloves:** Use neoprene or natural rubber gloves if handling an open or leaking battery.

Battery materials should be collected in a leak-proof container.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:** Do not use near heat sources, open flame, or hot surfaces. Non-Toxic.

For battery: The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful.

**Conditions for safe storage, including any incompatibilities:** None.

Trade Name: iQ and iQ Total Sensing Stations and Trays (Express Tray, Weighted Landscape Tray, Pulse Mouse Station, and Pulse Rat Station)

Supplier: Bell Laboratories, Inc.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Established Limits

Component	OSHA	ACGIH	Other Limits
None	Not Established	Not Established	Not Established

**Established Limits:** For battery see Section 3

**Appropriate Engineering Controls:** Not necessary under normal conditions.

**Occupational exposure limits:** Not necessary under normal conditions.

**Personal Protective Equipment:**

**Respiratory protection:** Not necessary under normal conditions.

**Eye protection:** Not necessary under normal conditions.

**Skin protection:** Not necessary under normal conditions.

**Hygiene recommendations:** Not necessary under normal conditions.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance/Color:</b>	Black Plastic
<b>Odor:</b>	None
<b>Odor Threshold:</b>	No Data
<b>pH:</b>	No Data
<b>Melting point:</b>	No Data
<b>Boiling point:</b>	No Data
<b>Flash point:</b>	No Data
<b>Evaporation rate:</b>	No Data
<b>Flammability:</b>	No Data
<b>Upper/lower flammability or explosive limits:</b>	No Data
<b>Vapor Pressure:</b>	No Data
<b>Vapor Density:</b>	No Data
<b>Relative Density:</b>	No Data
<b>Solubility (water):</b>	No Data
<b>Solubility (solvents):</b>	No Data
<b>Partition coefficient: n-octanol/water:</b>	No Data
<b>Auto-ignition temperature:</b>	No Data
<b>Decomposition temperature:</b>	No Data
<b>Viscosity:</b>	No Data

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable

**Chemical stability:** Not Applicable

**Possibility of hazardous reactions:** Refer to Hazardous decomposition products

**Conditions to avoid:** Avoid extreme temperatures (below 0°C or above 40°C).

**Incompatible materials:** Not Applicable

**Hazardous decomposition products:** Not Applicable

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute Toxicity

**LD50, oral (ingestion):** Not Toxic

**LD50, dermal (skin contact):** Not Toxic

**LC50, inhalation:** Not Toxic

**Skin corrosion/irritation:** Not Toxic

**Serious eye damage/Irritation:** Not Toxic.

**Respiratory or skin sensitization:** Not Toxic

**Germ cell mutagenicity:** Not Toxic

**Carcinogenicity:** Not Toxic

<b>Components</b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA</b>
None	NA	NA	NA

**Reproductive Toxicity:** Not Toxic

**Aspiration Hazard:** Not Toxic

**Target Organ Effects:** Not Toxic

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity Effects:** Not Toxic

**Persistence and degradability:** Not Toxic

**Bioaccumulative potential:** Not Toxic

**Mobility in Soil:** Not Toxic.

**Other adverse effects:** None.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal:** Wastes resulting from the use of this product may be placed in trash, on-site, or at an approved waste disposal facility. Dispose of all wastes in accordance with all Federal, state and local regulations.

For battery: The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful. LiMnO<sub>2</sub> batteries are not hazardous waste per the United States Resource Conservation and Recovery Act (RCRA) - 40 CFR Part 261 Subpart C.

## SECTION 14. TRANSPORT INFORMATION

**UN number:** Not regulated

**UN proper shipping name:** Not regulated

**Transport hazard class(es):** Not regulated

**Packing group:** Not regulated

**Environmental Hazards**

**DOT Road/Rail:** Not considered hazardous for transportation via road/rail.

**DOT Maritime:** Not considered hazardous for transportation by vessel.

**DOT Air:** Not considered hazardous for transportation by air.

**Freight Classification:** LTL Class 60

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable

**Special precautions for user:** None

## SECTION 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** Not applicable

**Signal Word:** None

**Precautionary Statements:** None

**Potential Health Effects:**

**Eye Contact:** Not applicable

**Skin Contact:** Not applicable

**Ingestion:** Not applicable

**TSCA:** All components are listed on the TSCA Inventory or are not subject to TSCA requirements

**CERCLA/SARA 313:** Not listed

**CERCLA/SARA 302:** Not listed

**PROPOSITION 65:** Contains no components subject to warning requirement.

## SECTION 16. OTHER INFORMATION

For additional information, please contact the manufacturer noted in Section 1.

<b>NFPA</b>	Health: 0 (Not Toxic)	Flammability: 1 (slight)	Reactivity: 0 (stable)	Specific Hazard: None
<b>HMIS</b>	Health: 0 (Not Toxic)	Flammability: 1 (slight)	Reactivity: 0 (minimal)	Protective Equipment: None

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