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:** April 2023	**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**
Inert and Non-Hazardous Ingredients (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/m3 (total) TWA 5 mg/m3 (resp)	1 mg/m³ (respirable particulate matter) [2007]	2%
Graphite	7782-42-5	15 mg/m3 TWA (total dust) 5 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (respirable fraction)	2-3%
Iron	7439-89-6	1 mg/m³ (Construction and Maritime Industries ONLY)	1 mg/m³ [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/m3 Ceiling (as Mn)	0.2 mg/m3 TWA (as Mn)	46%
Nickel	7440-02-0	1 mg/m³	Elemental: 1.5 mg/m³ (inhalable particulate matter), insoluble inorganic compounds (NOS): 0.2	1%

			mg/m³ (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.

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

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

Components	NTP	IARC	OSHA
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. $LiMnO_2$ 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.

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

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