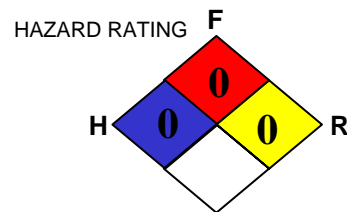




CONCORDE BATTERY LITHIUM ION BATTERY MATERIAL SAFETY DATA SHEET



SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME: CONCORDE BATTERY CORPORATION	EMERGENCY TELEPHONE #: CHEMTEL 800-255-3924
ADDRESS: 2009 San Bernardino Rd., West Covina, CA 91790	OTHER INFORMATION CALLS: 626-813-1234
PERSON RESPONSIBLE FOR PREPARATION: Gonzalo Ramos, Safety, Health & Environmental Affairs Manager	Preparation Date: February 5, 2007

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

As a solid, manufactured article, exposure to hazardous ingredients is not expected with normal use. This battery is an article pursuant to 29 CFR 1910.1200 and, as such, is not subject to the OSHA Hazard Communication Standard requirement. The information contained in this Material Safety Data Sheet contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

COMMON NAME: (Used on label) Lithium Ion Battery

SECTION 3 - HAZARD IDENTIFICATION

Preparation Hazards and Classification	Not dangerous with normal use. The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful.
Appearance, Color, and Odor	Solid object with no odor
Primary Route(s) of Exposure	These chemicals are contained in a sealed enclosure. Risk of exposure occurs only if the cell is mechanically, thermally or electrically abused to the point of compromising the enclosure. If this occurs, exposure to the electrolyte solution contained within can occur by Inhalation, Ingestion, Eye contact and Skin contact
Potential Health Effects:	<p>ACUTE (short term): see Section 8 for exposure controls</p> <p>In the event that this battery has been ruptured, the electrolyte solution contained within the battery would be corrosive and can cause burns.</p> <p>Inhalation: Inhalation of materials from a sealed battery is not an expected route of exposure. Vapors or mists from a ruptured battery may cause respiratory irritation.</p> <p>Ingestion: Swallowing of materials from a sealed battery is not an expected route of exposure. Swallowing the contents of an open battery can cause serious chemical burns of mouth, esophagus, and gastrointestinal tract.</p> <p>Skin: Contact between the battery and skin will not cause any harm. Skin contact with contents of an open battery can cause severe irritation or burns to the skin.</p> <p>Eye: Contact between the battery and the eye will not cause any harm. Eye contact with contents of an open battery can cause severe irritation or burns to the eye.</p> <p>CHRONIC (long term): see Section 11 for additional toxicological data</p>
Medical Conditions Aggravated by Exposure	Not applicable

SECTION 4 - FIRST AID MEASURES

Inhalation	If contents of an opened battery are inhaled, remove source of contamination or move victim to fresh air. Obtain medical advice.
Eyes	If eye contact with contents of an open battery occurs, immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes while holding the eyelids open. Neutral saline solution may be used as soon as it is available. If necessary, continue flushing during transport to emergency care facility. Take care not to rinse contaminated water into the unaffected eye or onto face. Quickly transport victim to an emergency care facility.
Skin	If skin contact with contents of an open battery occurs, as quickly as possible remove contaminated clothing, shoes and leather goods. Immediately flush with lukewarm, gently flowing water for at least 30 minutes. If irritation or pain persists, seek medical attention. Completely decontaminate clothing, shoes and leather goods before reuse or discard.
Ingestion	If ingestion of contents of an open battery occurs, NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have victim drink 60 to 240 mL (2-8 oz.) of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Quickly transport victim to an emergency care facility.

SECTION 5 - FIREFIGHTING MEASURES

Flammable Properties	In the event that this battery has been ruptured, the electrolyte solution contain within the battery would be flammable. Like any sealed container, battery cells may rupture when exposed to excessive heat; this could result in the release of flammable or corrosive materials.
Suitable extinguishing Media	Use water or other extinguishing media appropriate for the surround fire.
Unsuitable extinguishing Media	Not available
Explosion Data	Sensitivity to Mechanical Impact: This may result in rupture in extreme cases Sensitivity to Static Discharge: Not Applicable
Specific Hazards arising from the chemical	Fires involving lithium batteries can be controlled with water. When water is used, however, hydrogen gas may evolve. In a confined space, hydrogen gas can form an explosive mixture. In this situation, smothering agents are recommended to extinguish the fire
Protective Equipment and precautions for firefighters	As for any fire, evacuate the area and fight the fire from a safe distance. Wear a pressure-demand, self-contained breathing apparatus and full protective gear. Fight fire from a protected location or a safe distance.
NFPA	Health: 0 Flammability: 0 Instability: 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions	Restrict access to area until completion of clean-up. Do not touch the spilled material. Wear adequate personal protective equipment as indicated in Section 8.
Environmental Precautions	Prevent material from contaminating soil and from entering sewers or waterways.
Methods for Containment	Stop the leak if safe to do so. Contain the spilled liquid with dry sand or earth. Clean up spills immediately.
Methods for Clean-up	Absorb spilled material with an inert absorbent (dry sand or earth). Scoop contaminated absorbent into an acceptable waste container. Collect all contaminated absorbent and dispose of according to directions in Section 13. Scrub the area with detergent and water; collect all contaminated wash water for proper disposal.

SECTION 7 - HANDLING AND STORAGE

Handling	Do not open, disassemble, crush or burn battery. Do not expose battery to extreme heat or fire.
Storage	Store battery in a dry location. Keep at room temperature. Elevated temperature can result in shortened battery life. Keep out of reach of children.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Use local exhaust ventilation or other engineering controls to control sources of dust, mist, fumes and vapor.
Personal Protective Equipment	Respiratory Protection: Not necessary under normal conditions Skin Protection: Not necessary under normal conditions. Wear neoprene or natural rubber gloves if handling an open or leaking battery. Eye Protection: Not necessary under normal conditions. Wear safety glasses if handling an open or leaking battery.
Other Protective Equipment	Have a safety shower and eye wash fountain readily available in the immediate work area.
Hygiene Measures	Do not eat, drink, or smoke in work area. Maintain good housekeeping.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Vapor Pressure: (mm Ha @ 20°C)	Not applicable
Appearance	Battery	Vapor Density: (Air = 1)	Not applicable
pH	Not applicable	Solubility in Water:	Insoluble
Relative Density (water = 1)	Not available	Water / Oil distribution coefficient:	Not applicable
Boiling Point	Not applicable	Odor Type:	Odorless
Melting Point	Not applicable	Odor Threshold:	Not applicable
Viscosity	Not applicable	Evaporation Rate: (n-Butyl Acetate = 1)	Not applicable
Oxidizing Properties	Not applicable	Auto Ignition Temperature °C	Not applicable
Flash Point and Method (°C)	Not applicable	Flammability Limits (%)	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	Avoid exposing the battery to fire or high temperature. Do not disassemble, crush, short or install with incorrect polarity. Avoid mechanical or electrical abuse.
Incompatible Materials	Not Available
Hazardous Decomposition Products	This material may release toxic fumes if burned or exposed to fire
Possibility of Hazardous Reaction	Not Available

SECTION 11 - TOXICOLOGICAL INFORMATION

Irritation	Risk of irritation occurs only if the cell is mechanically, thermally or electrically abused to the point of compromising the enclosure. If this occurs, irritation to the skin, eyes and respiratory tract may occur.
Sensitization	Not Available
Neurological Effects	Not Available
Teratogenicity	Not Available
Reproductive Toxicity	Not Available
Mutagenicity (Genetic Effects)	Not Available
Toxicologically Synergistic Materials	Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Eco-toxicity	Not Available
Mobility	Not Available
Persistence & Degradability	Not Available
Bio-accumulative	Not Available
Other Adverse Effects	Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method	Battery recycling is encouraged. Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. Dispose in accordance with local, state and federal laws and regulations.
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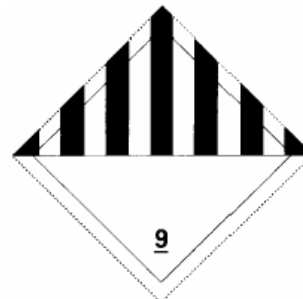
SECTION 14 - TRANSPORT INFORMATION

Concorde's Lithium-ion batteries comply with the UN Recommendations on the Transport of Dangerous Goods; IATA Dangerous Goods regulations, and applicable U.S. DOT regulations for the safe transport of Lithium-ion batteries. The cells have been tested under provisions of the UN Manual of Tests and Criteria, Part III, sub-section 38.3 and are classified as non-dangerous goods. Batteries containing these cells should be transported as Class 9 hazardous material, except for those battery types declared to be exempt (contact Concorde for a current listing of exempt batteries). The following information is provided for domestic and international transport.

US DOT PROPER SHIPPING NAME: Lithium Batteries
US DOT HAZARD CLASS: 9
US DOT ID NUMBER: UN3090
US DOT PACKING GROUP: II
US DOT LABEL: MISC HAZARD (CLASS 9)

IMO PROPER SHIPPING NAME: Lithium Batteries
IMO UN CLASS: 9
IMO UN NUMBER: UN3090
IMO LABEL: MISC HAZARD (CLASS 9)
IMO VESSEL STOWAGE: A
EMS CODE: F-A, S-I

IATA PROPER SHIPPING NAME: Lithium Batteries
IATA UN CLASS: 9
IATA UN NUMBER: UN3090
IATA LABEL: MISC HAZARD (CLASS 9)



Class 9 Label

SECTION 15 - REGULATORY INFORMATION

TSCA Status	All ingredients in the product are listed in the TSCA inventory.
SARA Title III	Sec. 302/304: None Sec. 311/312: None Sec. 313: None CERCLA RQ: None
California Prop 65	This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 16 - OTHER INFORMATION

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, CONCORDE MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. ALTHOUGH REASONABLE PRECAUTIONS HAVE BEEN TAKEN IN THE PREPARATION OF THE DATA CONTAINED HEREIN, IT IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. THIS MATERIAL SAFETY DATA SHEET PROVIDES GUIDELINES FOR THE SAFE HANDLING AND USE OF THIS PRODUCT; IT DOES NOT AND CANNOT ADVISE ON ALL POSSIBLE SITUATIONS, THEREFORE, YOUR SPECIFIC USE OF THIS PRODUCT SHOULD BE EVALUATED TO DETERMINE IF ADDITIONAL PRECAUTIONS ARE REQUIRED.

The data/information contained herein has been reviewed and approved for general release on the basis that this document contains no export controlled information

FORM MSDS REV. 4/25/07