**Section 1 - Product and Company Identification**

**Manufacturer Information**
Black & Decker (U.S.) Inc.  Phone: 1-888-698-2571 (International +1-410-329-9200)
701 East Joppa Road
Towson, MD  21286

**Catalog Numbers:**
- DEWALT DC9140 (14.4 Volt)
- DEWALT DC9144 (14.4 Volt)
- DEWALT DC9180 (18 Volt)
- DEWALT DC9181 (18 Volt)
- DEWALT DC9280 (28 Volt)
- DEWALT DC9360 (36 Volt)
- Black & Decker A1518L (18 Volt, 1.5 A-Hr)
- Black & Decker A1118L (18 Volt, 1.1 A-Hr)
- Black & Decker A1114L (14.4 Volt, 1.1 A-Hr)
- Black & Decker VPX0111 (7 Volt, 1.1 A-Hr)
- Porter-Cable PC18BL (18 Volt, 1.1 A-Hr)
- Porter-Cable PC18BLX (18 Volt, 1.3 A-Hr)
- Porter-Cable PC18BLEX (18 Volt, 2.6 A-Hr)

Notes:
1. A suffix following Catalog Number (i.e., “-XJ”) may be used to designate end market.
2. Batteries may be shipped in kits with the products they are intended to power.

**Section 2 - Hazards Identification**

**Emergency Overview**
Not considered dangerous as manufactured. If battery is damaged, exposure to product components may cause eye, skin and respiratory tract irritation. Combustion products from a fire involving batteries may be harmful.

**Potential Health Effects: Eyes**
None anticipated under normal product use and handling conditions. If battery is damaged, exposure may cause severe irritation or burns.

**Potential Health Effects: Skin**
None anticipated under normal product use and handling conditions. If battery is damaged, exposure may cause severe irritation or burns.

**Potential Health Effects: Ingestion**
Not considered a likely route of exposure under normal product use and handling conditions. Ingestion of material from a damaged battery may cause serious burns to mouth, esophagus, and gastrointestinal tract.

**Potential Health Effects: Inhalation**
None anticipated under normal product use and handling conditions. If battery is damaged, exposure to vapors or mist may cause respiratory irritation.

**HMIS Ratings: Health:** 0  **Fire:** 0  **HMIS Reactivity:** 0
Hazard Scale:
- 0 = Minimal
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe
- * = Chronic hazard

**Section 3 - Composition / Information on Ingredients**

This battery is an article as defined by 29 CFR 1910.1200 and is not a controlled product under WHMIS. Exposure to hazardous ingredients is not anticipated under normal product use.

**Section 4 - First Aid Measures**

**First Aid: Eyes**
Flush eyes with lukewarm water for at least 30 minutes while holding the eyelids open. Seek immediate medical care.

**First Aid: Skin**
Remove contaminated clothing, shoes and leather goods. Flush with water for at least 30 minutes. Seek medical attention if symptoms persist.
PRODUCT SAFETY DATA SHEET

Product Name: Lithium-Ion Battery Packs

First Aid: Ingestion
Never give anything by mouth if victim is unconscious. Rinse mouth thoroughly water. Do not induce vomiting. Seek immediate medical attention.

First Aid: Inhalation
Remove person to fresh air away from source of contamination.

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

General Fire Hazards
See Section 9 for Flammability Properties.
Battery cells may rupture when exposed to excessive heat. Electrolyte solution is flammable.

Hazardous Combustion Products
May release toxic fumes if burned or exposed to fire.

Extinguishing Media
Use appropriate extinguishing agent for surrounding fire. For damaged or ruptured cells, use Class D extinguisher or other appropriate agent. Class C fire extinguishers should be used to extinguish electrical fires. Do not use water to extinguish electrical or ruptured cell related fires.

Fire Fighting Equipment/Instructions
Firefighters should wear full protective gear.

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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

Containment Procedures
Stop the flow of material, if this is without risk.

Clean-Up Procedures
Absorb spill with inert material. Shovel material into appropriate container for disposal. Clean spill area with detergent and water; collect wash water for proper disposal.

Evacuation Procedures
Isolate area. Keep unnecessary personnel away.

Special Procedures
Avoid skin contact with the spilled material.

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

Handling Procedures
Avoid damaging or rupturing battery.

Storage Procedures
Store in a dry location at room temperature. Avoid extreme heat or fire. Keep out of reach of children.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits
ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls
Not necessary under normal product use conditions.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face
Not necessary under normal product use conditions. Wear safety glasses if handling a damaged battery.

Personal Protective Equipment: Skin
Not necessary under normal product use conditions. Wear neoprene or natural rubber gloves when handling a damaged battery.

Personal Protective Equipment: Respiratory
Not necessary under normal product use conditions.

Personal Protective Equipment: General
Eyewash fountains and emergency showers are required.
**Section 9 - Physical & Chemical Properties**

- Appearance: Various shaped battery
- Odor: None
- Physical State: Solid
- pH: NA
- Vapor Pressure: NA
- Vapor Density: NA
- Boiling Point: NA
- Melting Point: NA
- Solubility (H2O): Insoluble
- Specific Gravity: NA
- Evaporation Rate: NA
- VOC: NA
- Octanol/H2O Coeff.: NA
- Flash Point: NA
- Flash Point Method: NA
- Upper Flammability Limit (UFL): NA
- Lower Flammability Limit (LFL): NA
- Auto Ignition: NA

**Section 10 - Chemical Stability & Reactivity Information**

**Chemical Stability**
This is a stable material.

**Chemical Stability: Conditions to Avoid**
Avoid exposure to elevated temperatures and fire.

**Incompatibility**
Not Available.

**Hazardous Decomposition**
May release toxic fumes if burned or exposed to fire.

**Possibility of Hazardous Reactions**
Not Available.

**Section 11 - Toxicological Information**

**Acute Dose Effects**
A: General Product Information
If product is ruptured, material may cause irritation to the skin, eyes and respiratory tract.

B: Component Analysis - LD50/LC50
No LD50/LC50's are available for this product's components.

**Carcinogenicity**
A: General Product Information
No information available for the product.

B: Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

**Section 12 - Ecological Information**

**Ecotoxicity**
A: General Product Information
No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity
No ecotoxicity data are available for this product's components.

**Section 13 - Disposal Considerations**

**US EPA Waste Number & Descriptions**

**Component Waste Numbers**
No EPA Waste Numbers are applicable for this product's components.
**Product Safety Data Sheet**

**Product Name:** Lithium-Ion Battery Packs

**Disposal Instructions**
Recycle battery. Do not dispose of in water bodies or sewer system. All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

Lithium-ion batteries comply with all applicable shipping regulations as prescribed by industry and legal standards which include UN Recommendations on the Transport of Dangerous Goods; IATA Dangerous Goods Regulations and US DOT requirements. All of the batteries listed in this Safety Data Sheet are qualified to be “excepted” from needing to be shipped as Class 9 Hazardous Goods when in original packaging.

**US DOT Information**
Shipping Name: Not Regulated

**TDG Information**
Shipping Name: Not Regulated

*** Section 15 - Regulatory Information ***

**US Federal Regulations**
**A: General Product Information**
All components are on the U.S. EPA TSCA Inventory List.

**B: Component Analysis**
None of this product’s components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

**State Regulations**
**A: General Product Information**
No additional information available.

**B: Component Analysis - State**
None of this product’s components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

**Canadian WHMIS Information**
**A: General Product Information**
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations.

**B: Component Analysis - WHMIS IDL**
No components are listed in the WHMIS IDL.

**Additional Regulatory Information**
None

*** Section 16 - Other Information ***

**Other Information**
The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer’s responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

**Key/Legend**
EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry, WHMIS = Workplace Hazardous Materials Information System (Canada)