



Product Data Sheet

Rechargeable Lithium Ion Battery

Print Date:
5/27/2022

Page 1 of 3

The products referenced herein are 'articles' under 29CFR 1910.1200(c) and are not subject to OSHA's requirements for material safety data sheets under its Hazard Communication Standard, 29 CFR 1900.1200. This Product Data Sheet is provided as a service to our customers.

1. Product and Company Identification

Identity: Rechargeable Lithium Ion Battery

Models: All

Effective: May 27, 2022

Manufacturer:

BISSELL Homecare, Inc.
PO Box 1888
Grand Rapids, MI 49501
Phone: 1-616-453-4451

2. Hazards Identification

Potentially hazardous materials are fully contained in hermetically sealed case designed to withstand normal handling and use. Exposure could only occur if the battery or cells have been opened, disassemble, crushed, burned, exposed to high temperatures (> 60C or 140F), or subject to other types of abuse. Exposure to the cell contents may be harmful under some circumstances.

Follow instructions and precautions for safe use of the battery pack.

3. Composition information

BISSELL battery packs contain lithium ion cells from various manufactures. Li-ion cells are generally composed of the following major ingredients

	Chemical Name	CAS No.	*Mass range in cell (g/g %)
Cathode	Lithium cobalt oxide	12190-79-3	20-50
Anode	Graphite	7782-42-5	10-30
Binder	Polyvinylidenefluoride	24937-79-9	<1
Electrolyte salt	Lithium hexafluorophosphate	21324-40-3	0.05-5
Electrolyte solvent	Includes one or more of the following; Ethylene Carbonate Propylene Carbonate Diethyl Carbonate	96-49-1 108-32-7 105-58-8	5-20
Other Components	Copper	7440-50-8	3-15
	Aluminum	7429-90-5	2-10

As manufactured, Li-ion cells do not contain lithium metal

4. First Aid Measures

Cell manufacturers recommend that in case of exposure to the cell contents, wash affected area for at least 15 minutes with generous amounts of water and seek medical attention.

5. Fire Fighting Measures

Fires involving these types of battery packs should be flooded with water or use CO2, foam or dry chemical extinguishing media. Fires involving large quantities of batteries may produce toxic, corrosive, or irritating fumes including hydrogen fluoride (HF)



Product Data Sheet

Rechargeable Lithium Ion Battery

Print Date:
5/27/2022

Page 2 of 3

6. Accidental Release Measures

If batteries are spilled and damaged, they should be disposed according to the disposal section.

7. Handling and Storage

The battery pack and enclosed cells should not be opened, disassembled, crushed, burned, or exposed to high temperatures (> 60C or 140F).

8. Exposure controls/personal protection

No personal protection is required during normal handling and use. Exposure to the ingredients contained within the cells within the battery pack could be harmful under some circumstances. In case of exposure to the cell contents, wash affected area for at least 15 minutes with generous amounts of water and seek medical attention.

9. Physical and Chemical Properties

These batteries are solid articles. Properties such as odor, pH, vapor pressure, solubility, etc. are not applicable.

10. Stability and Reactivity

Reactivity	None during normal handling and use
Incompatibility	None during normal handling and use
Hazardous decomposition products	None during normal handling and use
Conditions to avoid	The battery pack and enclosed cells should not be opened, disassembled, crushed, burned, or exposed to high temperatures

11. Toxicological Information

There are no known toxicological properties of the batteries during normal handling and use.

12. Ecological Information

There are no known ecological risks of the batteries during normal handling and use.

13. Disposal

Lithium ion battery packs should be disposed of or recycled in accordance with any applicable national, state/provincial, and local requirements. BISSELL is a Licensee of the Call2Recycle Battery Recycling Program, please call 1-800-8-BATTERY or go to the Call2Recycle website at www.call2recycle.org for how to recycle our product. Do not of in fire.



Product Data Sheet

Rechargeable Lithium Ion Battery

Print Date:
5/27/2022

Page 3 of 3

14. Transport

UN3480, Lithium Ion Batteries

UN3481, Lithium Ion Batteries contained in equipment

UN3481, Lithium Ion Batteries packed with equipment

The Watt-hour rating for all BISSELL Homecare, Inc. lithium ion products is less than 20 Watt-hours for cells and less than 100 Watt-hours for batteries.

When packaged and shipped by BISSELL Homecare, Inc., these batteries are tested, packaged and labeled in accordance with all applicable requirements for transport by mode of shipment (air, sea or ground), as follows:

- 1) International Air Transport Association (IATA), International Civil Aviation Organization (ICAO) Technical Instructions Dangerous Goods Regulation 59th Edition 2018 and Special Provision 188:
 - a. PI 965 Section IB or Section II (UN 3480, batteries), including 30% state of charge maximum limit addendum
 - b. PI 966 Section II (UN 3481, batteries packed with equipment), and 967 Section II (UN 3481, batteries contained in equipment);
- 2) International Maritime Dangerous Goods (IMDG 2017, Special Provision 188 Amendment 38-16)
- 3) U.S. Department of Transportation (DOT) 49 CFR 173.185 and Special Provision 188;
- 4) European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR 2017) Special Provisions 188 and 230

All BISSELL Homecare, Inc. Li-Ion batteries have been tested in accordance with the UN Manual Tests and Criteria, Part III, Subsection 38.3.

For transportation emergencies involving BISSELL Homecare, Inc. battery products, call CHEMTREC at 1-800-424-9300.

15. Regulatory Information

The products referenced herein are 'articles' under 29CFR 1910.1200(c) and are not subject to OSHA's requirements for material safety data sheets under its Hazard Communication Standard, 29 CFR 1900.1200.

16. Other Information

Notice: The information and recommendations set forth are made in good faith and are believed to be accurate at the date of preparation. BISSELL Homecare, Inc. makes no warranty or implied with respect to this information and recommendations and disclaims all liability from reliance on it.

"Equivalent lithium content" information is available from the manufacturer.



Fiche technique du produit

Batterie rechargeable au lithium-ion BISSELL

Date d'impression:

23/5/2022

Page 1 de 3

Les produits référencés ici sont des «articles» au sens du 29CFR 1910.1200 (c) et ne sont pas soumis à Exigences de l'OSHA pour les fiches de données de sécurité des matériaux en vertu de sa norme de communication des dangers, 29 CFR 1900.1200. Cette fiche produit est fournie en tant que service à nos clients.

1. Identification du produit et de l'entreprise

Identité: Batterie rechargeable au lithium-ion BISSELL
Des modèles: Tout
Efficace: 23 mai 2022

Fabricant:
BISSELL Homecare, Inc.
PO Box 1888
Grand Rapids, MI 49501
Tél: 1-616-453-4451

2 Informations sur la composition

Les batteries BISSELL contiennent des cellules lithium-ion de divers fabricants. Les cellules Li-ion sont généralement composé des principaux ingrédients suivants

	Nom chimique	N ° CAS.	* Plage de masse dans la cellule (g / g%)
Cathode	Oxyde de lithium cobalt	12190-79-3	20-50
Anode	Graphite	7782-42-5	10-30
Classeur	Polyfluorure de vinylidène	24937-79-9	<1
Sel d'électrolyte	Hexafluorophosphate de lithium	21324-40-3	0,05-5
Électrolyte solvant	Comprend un ou plusieurs des Suivant;		
	Carbonate d'éthylène	96-49-1	5-20
	Carbonate de propylène	108-32-7	
	Carbonate de diéthyle	105-58-8	
Autre	Cuivre	7440-50-8	3-15
Composants	Aluminium	7429-90-5	2-10

Telles que fabriquées, les cellules Li-ion ne contiennent pas de lithium métal

3 Identification des dangers

Les matières potentiellement dangereuses sont entièrement contenues dans un boîtier hermétiquement fermé conçu pour supporter une manipulation et une utilisation normales. L'exposition ne peut se produire que si la batterie ou les cellules ont été ouvertes, démonter, écraser, brûler, exposé à des températures élevées (> 60C ou 140F), ou soumis à des types d'abus. L'exposition au contenu des cellules peut être dangereuse dans certaines circonstances.

Suivez les instructions et les précautions pour une utilisation sûre de la batterie.

4. Premiers secours

Les fabricants de cellules recommandent qu'en cas d'exposition au contenu des cellules, laver la zone au moins 15 minutes avec de grandes quantités d'eau et consulter un médecin.

5. Mesures de lutte contre l'incendie

Les incendies impliquant ces types de dos de batterie doivent être inondés avec de l'eau ou utiliser du CO₂, de la mousse ou à sec moyen d'extinction chimique. Les incendies impliquant de grandes quantités de batteries peuvent produire des vapeurs corrosives ou irritantes, y compris le fluorure d'hydrogène (HF)



Fiche technique du produit

Batterie rechargeable au lithium-ion BISSELL

Date d'impression:

23/5/2022

Page 2 de 3

6. Mesures à prendre en cas de dispersion accidentelle

Si les piles sont renversées et endommagées, elles doivent être éliminées conformément à la section d'élimination.

7. Manipulation et STOCKAGE

La batterie et les cellules fermées ne doivent pas être ouvertes, démontées, écrasées, brûlées ou exposés à des températures élevées (> 60C ou 140F).

8. Contrôle de l'exposition / protection individuelle

Aucune protection personnelle n'est requise pendant la manipulation et l'utilisation normales. Exposition aux ingrédients contenus dans les cellules de la batterie peuvent être dangereuses dans certaines circonstances. Dans en cas d'exposition au contenu cellulaire, laver la zone affectée pendant au moins 15 minutes avec quantités d'eau et consulter un médecin.

9. Propriétés physiques et chimiques

Ces batteries sont des articles solides. Des propriétés telles que l'odeur, le pH, la pression de vapeur, la solubilité, etc. ne sont pas en vigueur.

10. Stabilité et réactivité

Réactivité	Aucun pendant la manipulation et l'utilisation normales
Incompatibilité	Aucun pendant la manipulation et l'utilisation normales
Produits de décomposition dangereux	Aucun pendant la manipulation et l'utilisation normales
Conditions à éviter	La batterie et les cellules fermées ne doivent pas être ouvertes, démonté, écrasé, brûlé ou exposé à des températures élevées

11. Informations toxicologiques

Il n'y a pas de propriétés toxicologiques connues des piles lors d'une manipulation et d'une utilisation normales.

12. Informations écologiques

Il n'y a aucun risque écologique connu des piles lors d'une manipulation et d'une utilisation normales.

13. Élimination

Les blocs-piles au lithium-ion doivent être éliminés ou recyclés conformément à toute exigences nationales, étatiques / provinciales et locales. BISSELL est titulaire d'une licence de la batterie Call2Recycle Programme de recyclage, veuillez appeler le 1-800-8-BATTERY ou aller sur le site Web de Call2Recycle à www.call2recycle.org pour savoir comment recycler notre produit. Ne pas en feu.



Fiche technique du produit

Batterie rechargeable au lithium-ion BISSELL

Date d'impression

23/5/2022

Page 3 de 3

14. Transport

UN3480, batteries au lithium-ion

UN3481, Piles au lithium-ion contenues dans l'équipement

UN3481, batteries au lithium-ion emballées avec de l'équipement

La valeur en wattheures de tous les produits au lithium-ion BISSELL Homecare, Inc. est inférieure à 20 wattheures pour les cellules et moins de 100 wattheures pour les batteries.

Lorsqu'elles sont emballées et expédiées par BISSELL Homecare, Inc., ces batteries sont testées, emballées et étiquetées conformément à toutes les exigences applicables pour le transport par mode d'expédition (aérien, maritime ou sol), comme suit:

- 1) Association du transport aérien international (IATA), Organisation de l'aviation civile internationale (OACI)
Instructions techniques Règlement sur les marchandises dangereuses 59^e édition 2018 et disposition spéciale 188:
une. PI 965 Section IB ou Section II (UN 3480, batteries), y compris 30% d'état de charge
addendum limite maximale
b. PI 966 Section II (UN 3481, batteries emballées avec équipement), et 967 Section II (UN 3481, batteries contenues dans l'équipement);
- 2) Marchandises dangereuses maritimes internationales (IMDG 2017, disposition spéciale 188, amendement 38-16)
- 3) Département américain des transports (DOT) 49 CFR 173.185 et disposition spéciale 188;
- 4) Accord européen relatif au transport international des marchandises dangereuses par route (ADR 2017) Dispositions spéciales 188 et 230

Toutes les batteries Li-Ion BISSELL Homecare, Inc. ont été testées conformément aux tests manuels de l'ONU et critères, partie III, sous-section 38.3.

Pour les urgences de transport impliquant des batteries BISSELL Homecare, Inc., appelez CHEMTREC au 1-800-424-9300.

15. Informations réglementaires

Les produits référencés ici sont des «articles» au sens du 29CFR 1910.1200 (c) et ne sont pas soumis à Exigences de l'OSHA pour les fiches de données de sécurité des matériaux en vertu de sa norme de communication des dangers, 29 CFR 1900.1200.

16. Autres informations

Remarque: Les informations et recommandations énoncées sont faites de bonne foi et sont censées être précis à la date de préparation. BISSELL Homecare, Inc. ne fait aucune garantie ou sous-entend respect de ces informations et recommandations et décline toute responsabilité quant à leur confiance.

«Des informations sur la teneur en lithium équivalent sont disponibles auprès du fabricant.

1. Product and Company Identification

Product Name: PRO OXY Spot & Stain, Advanced PRO OXY Spot & Stain, PET PRO OXY Spot & Stain, PET PRO OXY Spot & Stain

Product Number: 2034, 2034C, 2038, 2038C, 2038W, 20389, 1609949, 1609950, 1615277, 1620733, 1620734

Chemical Formula: Mixture

Product Use: Carpet, Rug and Upholstery Cleaner

Manufacturer: 24-Hour Emergency Phone Numbers:
BISSELL Homecare, Inc. Prosar (Medical) 1 866-303-6951
PO Box 1888 Chemtrec (US) 1 800-424-9300 acct 2808
Grand Rapids, MI 49501 Chemtrec (Int'l) 1 703-527-3887
(616) 453- 4451, SDS@BISSELL.com
www.BISSELL.com

2. Hazard Identification

GHS Classification:
Eye irritant (Category 2B), H320

GHS Label Elements:
Pictogram None
Signal word Warning
Hazard statement(s)
H320 Causes eye irritation
Precautionary statement(s)
P102 Keep out of reach of children.
P305 + P351 If in eye: rinse cautiously with water for several minutes.
P337 + P313 If eye irritation persists: get medical advice/attention.

3. Composition Information on Ingredients

<u>Ingredient</u>	<u>Percent</u>	<u>OSHA PPM</u>	<u>ACGIH PPM</u>	<u>CAS Number</u>
Hydrogen Peroxide	≤ 3	TLV 1.0	TLV 1.0	7722- 84- 1
C9- C11 Alcohol Ethoxylate	≤ 2	None Established	None Established	68439-46-3

Exact percentages of composition has been withheld as a trade secret

4. First Aid Measures

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin: Wash skin with water. Remove contaminated clothing.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

4. First Aid Measures, continued

Inhalation: Remove affected person to fresh air. Get medical attention if person has difficulty breathing or irritation develops or persists.

5. Fire Fighting Measures

Flash Point: None at or below 212°F.
Flammability: None.
Extinguishing Media: Use water, water fog, CO2, dry chemicals or foam.
Fire and Explosion Hazards: None.
Fire Fighting Equipment: Fire fighters should wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Small Spills: Absorb and wipe up or rinse away with water.
Large Spills: Contain spilled product with sand or other absorbent material. Place in an appropriate container for disposal. Wash area with water.
Waste Disposal: Follow all local, state and federal regulations for large spills

7. Handling and Storage

Handling: Use only as directed. Avoid contact with eyes. Wash hands before eating.
Storage: Store Out Of Reach Of Children. Keep container tightly closed when not in use. Store in a cool place.

8. Personal Protection

Respiratory Protection: Not required under conditions of use.
Protective Gloves: Not required under conditions of use.
Eye Protection: Not required under conditions of use.
Ventilation: Not required under conditions of use.

9. Physical and Chemical Properties

Appearance: Clear liquid
Odor: Minimal medicinal
Boiling Point 760 mm Hg: 212°F
Solubility in Water: Complete
Specific Gravity: 0.98- 1.02
pH: 7.0- 7.5
Percent VOC: 0%

10. Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Salts of metals and organic materials.
Incompatibility:	Acids, bases, metals, organic material and reducing agents.
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

11. Toxicological Information

Ingestion:	The oral LD50 is greater than 5 g/ kg in rats.
Inhalation:	The inhalation LC50 is greater than 20 mg/ L for one-hour exposure for laboratory animals.
Skin:	Not a primary dermal irritant (rabbit).
Eye:	An ocular irritant (rabbit).

The toxicity information listed above is based on the results of acute toxicological studies, per FHSA protocols, on a very similar predecessor formula. The differences between this formula and the predecessor formula would not be expected to significantly alter the toxicological attributes of the formulation covered in this document.

12. Ecological Information

Aquatic Toxicity:	This Product is not classified as an acute or a chronic environmental hazard.
Environmental Effects:	Product is expected to rapidly disperse in the aquatic environment.

13. Disposal Consideration

Disposal of Product:	Disposal methods must comply with all Federal, State or Provincial, and local laws and regulations.
Disposal of Packaging:	Disposal methods must comply with all Federal, State or Provincial, and local laws and regulations.

14. Transportation Information

HMIS Hazard Rating:	Health: 1	Fire: 0	Reactivity: 1
Hazard Rating Scale: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme			
49 CFR (GRD):	Not regulated		
IATA (AIR):	Not regulated		
IMDG (OCN):	Not regulated		
TDGR (Canadian GND):	Not regulated		
ADR / RID:	Not regulated		
MEXICO (SCT):	Not regulated		

15. Regulatory Information

U.S. EPA SARA Reporting Requirements: This product does not contain any substances subject to the reporting requirements of Section 313 of SARA Title III or 40 CFR Part 373

U.S. EPA TSCA Inventory Status: All chemical substances of this product are listed on the TSCA inventory or are otherwise exempt from inventory status.

U.S. EPA CERCLA Reportable Quantity (RQ): Hydrogen Peroxide: 454 kg (1000 lb)

Other U.S. Federal Requirements: This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA

California Prop 65: None of the chemicals in this product are listed.

State Criteria Lists: Hydrogen peroxide is on the following State criteria lists: MA, MN, NJ, NY, PA and RI.

DSL / NDSL: All of the components are listed.

Priority Substances List: None of the components are listed.

European Union Directive 67 / 548 Label Information:

Keep Out Of Reach Of Children. Avoid eye contact. In case of eye contact, rinse immediately with plenty of water and seek medical advice.

16. Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or Provincial, and local laws.

Effective Date: May 18, 2022

Supersedes: January 29, 2020

Prepared By: Don Mahaffy

This SDS has been updated in the following section:
Product name and composition information