

1. Identification

| | | |
|---|---|--|
| Product identifier | Lithium Ion Battery (Lithium Iron Phosphate, LiFePO4) | |
| Other means of identification | | |
| Synonyms | Li ion Battery, including Battery Management System | |
| Recommended use | Electrick Lift and Forklift Equipment - Warehousing | |
| Recommended restrictions | None known. | |
| Manufacturer/Importer/Supplier/Distributor information | | |
| Manufacturer | Navitas Systems | |
| Address | 5949 Jackson Rd, Ann Arbor, MI 48103 | |
| Supplier | Navitas Systems | |
| Address | 5949 Jackson Rd, Ann Arbor, MI 48103 | |
| Telephone number | (734) 205-1400 | |
| Contact person | Navitas Systems EHS Department | |
| Emergency telephone number | USA/Canada: CHEMTREC (800) 424-9300, Outside USA 1 (703) 527-3887 | |
| E-mail | dekareadypower@navitassys.com | |

2. Hazard(s) identification

| | | |
|-----------------------------|---|-------------|
| Physical hazards | Not classified. | |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| OSHA defined hazards | Not classified. | |
| Label elements | | |



| | | |
|--|--|--|
| Signal word | Danger | |
| Hazard statement | The materials contained in this product may only represent a hazard if the integrity of the cell or battery is compromised; physically, thermally, or electrically abused. The below are the hazards anticipated under those conditions: Causes skin irritation. Causes serious eye irritation. Causes damage to organs () through prolonged or repeated exposure. | |
| Precautionary statement | | |
| Prevention | Do not breathe dust. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. | |
| Response | If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention if you feel unwell. | |
| Storage | Store as indicated in Section 7. | |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. | |
| Hazard(s) not otherwise classified (HNOC) | None known. | |

Supplemental information

Under normal conditions of processing and use, exposure to the chemical constituents in this product is unlikely. The chemicals are contained in a sealed steel housing. Risk of exposure occurs only if the battery is mechanically, thermally or electrically abused. If this occurs, exposure to the electrolyte solution contained within can occur by Inhalation, Ingestion, eye contact and skin contact.

Additional Notes: CAUTION: Do not dispose in fire, mix with other battery types, charge above specified rate, connect improperly, or short circuit, which may result in overheating, explosion or leakage of cell contents. Do not open or disassemble. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not puncture, deform or incinerate.

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|--|---|-------|
| LiFePO4 | 15365-14-7 | 30 |
| Aluminium | 7429-90-5 | 18 |
| Copper | 7440-50-8 | 18 |
| Electrolyte solvent (Organic Solvents including one or more of the following: Ethylene Carbonate, Dimethyl Carbonate, Ethyl Methyl Carbonate, Diethyl Carbonate, Propyl Propionate, Propylene Carbonate) | 96-49-1, 616-38-6, 623-53-0, 105-58-8, 106-35-5, 108-32-7 | 15-19 |
| Graphite | 7782-42-5 | 15 |
| Lithium hexafluorophosphate | 21324-40-3 | 2 |
| Carbon Black | 1333-86-4 | 1 |

This product is an article.

Composition comments

The manufacturer has claimed the exact percentage as trade secret under the OSHA Hazard Communication Standard. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation

Exposure to contents of an open or damaged battery: Move to fresh air. Get medical attention if any discomfort continues.

Skin contact

Exposure to contents of an open or damaged battery: Wash off immediately with plenty of water for at least 15 minutes. If skin irritation occurs, get medical advice/attention. Remove contaminated clothing.

Eye contact

Exposure to contents of an open or damaged battery: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation develops and persists.

Ingestion

Exposure to contents of an open or damaged battery: Rinse mouth thoroughly. Get medical attention if any discomfort occurs.

Most important symptoms/effects, acute and delayed

Exposure to contents of an open or damaged battery: Causes severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Causes skin irritation. May cause redness and pain.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

General information

Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical powder (ABC). Carbon dioxide (CO₂). Foam.

Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

Containers can burst violently when heated, due to excess pressure build-up. Fire may produce irritating, corrosive and/or toxic gases. During water application, caution is advised as burning pieces of flammable particles may be ejected from the fire. Carbon oxides (CO_x). Hydrogen Fluoride.

Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective clothing.

Fire fighting equipment/instructions

Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods

In the event of fire do not breathe fumes. Copious amounts of cold water or water-based foam may be used to cool burning cells or batteries.

General fire hazards

The product is not flammable. Will burn if involved in a fire.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing dust/fume/vapors. Leak from a damaged or opened battery: Avoid contact with skin and eyes.

Methods and materials for containment and cleaning up

Leak from a damaged or opened battery: Wipe up with absorbent material (e.g. cloth, fleece). Place in a designated labeled waste container, dispose in accordance with local regulations.

Environmental precautions

Do not contaminate water sources or sewer.

7. Handling and storage**Precautions for safe handling**

Batteries are designed to be recharged. However, improperly charging a cell or battery may cause the product to flame or leak. Use only approved chargers and procedures. Do not allow conductive material to touch the battery terminals. A dangerous short-circuit may occur and cause battery failure and fire. CAUTION: Do not dispose in fire, mix with other battery types, charge above specified rate, connect improperly, or short circuit, which may result in overheating, explosion or leakage of cell contents. Do not open, disassemble, crush or burn battery. Do not expose battery to extreme heat or fire. Extended short-circuiting creates high temperatures in the cell. High temperatures can cause burns in skin or cause the cell to fume. Avoid reversing the battery polarity within the battery assembly. To do so may cause the cell to flame or leak. Observe good industrial hygiene practices. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Batteries should be separated from other materials and stored in a non-combustible, well ventilated structure with sufficient clearance between walls and battery stacks. Do not place batteries near heating equipment. Store in a cool, dry place. Do not store batteries in a manner that allows terminals to short circuit. Store away from incompatible materials (See Section 10).

Store batteries in a cool dry ventilated area that is subject to little temperature change. Do not place batteries near heating equipment or expose to direct sunlight for long periods.

8. Exposure controls/personal protection**Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components | Type | Value | Form |
|--|------|-----------------------|----------------------|
| Aluminium (CAS 7429-90-5) | PEL | 5 mg/m ³ | Respirable fraction. |
| | | 15 mg/m ³ | Total dust. |
| Carbon Black (CAS 1333-86-4) | PEL | 3.5 mg/m ³ | |
| Copper (CAS 7440-50-8) | PEL | 1 mg/m ³ | Dust and mist. |
| | | 0.1 mg/m ³ | Fume. |
| Graphite (CAS 7782-42-5) | PEL | 5 mg/m ³ | Respirable fraction. |
| | | 15 mg/m ³ | Total dust. |
| Lithium hexafluorophosphate (CAS 21324-40-3) | PEL | 2.5 mg/m ³ | |

US. OSHA Table Z-2 (29 CFR 1910.1000)

| Components | Type | Value | Form |
|--|------|-----------------------|-------|
| Lithium hexafluorophosphate (CAS 21324-40-3) | TWA | 2.5 mg/m ³ | Dust. |

US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value | Form |
|---------------------------|------|----------------------|----------------------|
| Aluminium (CAS 7429-90-5) | TWA | 5 mg/m ³ | Respirable fraction. |
| | | 15 mg/m ³ | Total dust. |
| | | 50 mppcf | Total dust. |

US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value | Form |
|--------------------------|------|----------|----------------------|
| Graphite (CAS 7782-42-5) | TWA | 15 mppcf | Respirable fraction. |
| | | 15 mppcf | |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|--|------|-----------|----------------------|
| Aluminium (CAS 7429-90-5) | TWA | 1 mg/m3 | Respirable fraction. |
| Carbon Black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable fraction. |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.2 mg/m3 | Fume. |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable fraction. |
| Lithium hexafluorophosphate (CAS 21324-40-3) | TWA | 2.5 mg/m3 | |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|--|------|-----------|------------------------------------|
| Aluminium (CAS 7429-90-5) | TWA | 5 mg/m3 | Welding fume or pyrophoric powder. |
| | | 5 mg/m3 | Respirable. |
| | | 10 mg/m3 | Total |
| Carbon Black (CAS 1333-86-4) | TWA | 3.5 mg/m3 | |
| Copper (CAS 7440-50-8) | TWA | 1 mg/m3 | Dust and mist. |
| | | 0.1 mg/m3 | Fume. |
| Graphite (CAS 7782-42-5) | TWA | 2.5 mg/m3 | Respirable. |
| Lithium hexafluorophosphate (CAS 21324-40-3) | TWA | 2.5 mg/m3 | |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|--|--------|-------------|----------|---------------|
| Lithium hexafluorophosphate (CAS 21324-40-3) | 3 mg/l | Fluoride | Urine | * |
| | 2 mg/l | Fluoride | Urine | * |

* - For sampling details, please see the source document.

Appropriate engineering controls

Under conditions of normal use, batteries do not emit hazardous or regulated substances. .No engineering controls are required for handling batteries that have not been damaged.

Leak from a damaged or opened battery: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

| | |
|---------------------------------------|--|
| Skin protection | |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | None under normal conditions. |
| | Leak from a damaged or opened battery: Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. In the event of a fire, wear SCBA and thermally protective outer garments. Use an approved respirator if there is a risk of exposure to dust at levels exceeding the exposure limits. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |

9. Physical and chemical properties

Appearance

| | |
|---|---|
| Physical state | Solid. |
| Form | Battery. |
| Color | Not available. |
| Odor | Not available. |
| Odor threshold | Not available. |
| pH | Not Known. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Do not puncture, deform, incinerate or heat above 85 C or (185 F) |
| Flash point | Do not puncture, deform, incinerate or heat above 85 C or (185 F) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |

10. Stability and reactivity

| | |
|---|---|
| Reactivity | The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | The product is stable under normal conditions of use, storage and transport. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Do not allow conductive material to touch the battery terminals. A dangerous short-circuit may occur and cause battery failure and fire. Do not puncture, deform, or incinerate. Heat, sparks, flames, elevated temperatures. |
| Incompatible materials | Do not immerse in seawater or other high conductivity liquids. |

Hazardous decomposition products Irritating and/or toxic fumes and gases may be emitted upon the products decomposition. Carbon oxides. Hydrogen fluoride.

11. Toxicological information

Information on likely routes of exposure

Inhalation No inhalation hazard under normal conditions. Exposure to contents of an open or damaged battery: Dust may irritate respiratory system. Prolonged inhalation may be harmful.

Skin contact Exposure to contents of an open or damaged battery: Causes skin irritation.

Eye contact Under normal conditions of intended use, this product does not pose an eye hazard. In the event that cell or battery is damaged, open, or leaking – irritation with injury resulting in permanent impairment of vision and chemical burn may occur.

Ingestion Exposure to contents of an open or damaged battery: May be harmful if swallowed. May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms related to the physical, chemical and toxicological characteristics Exposure to contents of an open or damaged battery: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity Not known.

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Dimethyl carbonate (CAS 616-38-6)

Acute

Dermal

| | | |
|------|--------|--------------|
| LD50 | Rabbit | > 5000 mg/kg |
|------|--------|--------------|

Oral

| | | |
|------|-----|-------------|
| LD50 | Rat | 13000 mg/kg |
|------|-----|-------------|

Propylene carbonate (CAS 108-32-7)

Acute

Dermal

| | | |
|------|--------|--------------|
| LD50 | Rabbit | > 2000 mg/kg |
|------|--------|--------------|

Oral

| | | |
|------|-----|--------------|
| LD50 | Rat | > 5000 mg/kg |
|------|-----|--------------|

Skin corrosion/irritation Exposure to contents of an open or damaged battery: Irritating to skin.

Serious eye damage/eye irritation Exposure to contents of an open or damaged battery: Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization Exposure to contents of an open or damaged battery: Not expected to be a skin sensitizer.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Exposure to contents of an open or damaged battery: Risk of cancer cannot be excluded with prolonged exposure.

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon Black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Carbon Black (CAS 1333-86-4) Known To Be Human Carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

| | |
|---|---|
| Specific target organ toxicity - repeated exposure | Exposure to contents of an open or damaged battery: Causes damage to organs () through prolonged or repeated exposure. Lithium hexafluorophosphate (CAS# 21324-40-3): Causes damage to organs (bone, teeth) through prolonged or repeated exposure. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. |
| Further information | Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure: |

12. Ecological information

Ecotoxicity No ecological impacts expected under normal use conditions. The hazards listed below are only anticipated when the integrity of a battery casing is compromised:
Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

| Components | Species | Test Results |
|--------------------------|---------|---------------------|
| Copper (CAS 7440-50-8) | | |
| Aquatic | | |
| <i>Chronic</i> | | |
| Other | NOEC | Juga plicifera |
| | | 6 µg/l |
| Graphite (CAS 7782-42-5) | | |
| Aquatic | | |
| Fish | LC50 | Oncorhynchus mykiss |
| | | > 1000 mg/l |

Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Recycle the batteries as the primary disposal method. Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose in accordance with local regulations. This product and its container must be disposed of in a safe manner.

Contaminated packaging If contaminated by a leaking or damaged battery, empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

| | |
|-------------------------------------|---|
| UN number | UN3480 |
| UN proper shipping name | Lithium Ion Batteries |
| Transport hazard class(es) | |
| Class | 9 |
| Subsidiary risk | - |
| Label(s) | 9 |
| Packing group | II |
| Environmental hazards | |
| Marine pollutant | The battery as shipped would not be a Marine Pollutant / Environmentally hazardous. |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Packaging exceptions | 185 |
| Packaging non bulk | 185 |
| Packaging bulk | None |

IATA

| | |
|--------------------------------|-----------------------|
| UN number | UN3480 |
| UN proper shipping name | Lithium Ion Batteries |

Transport hazard class(es)

Class 9
Subsidiary risk -
Label(s) 9

Packing group II**Environmental hazards** The battery as shipped would not be a Marine Pollutant / Environmentally hazardous.**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**IMDG****UN number** UN3480**UN proper shipping name** Lithium Ion Batteries**Transport hazard class(es)**

Class 9
Subsidiary risk -
Label(s) 9A

Packing group II**Environmental hazards****Marine pollutant** The battery as shipped would not be a Marine Pollutant / Environmentally hazardous.**EmS** F-A, S-I**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.**15. Regulatory information****US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

LiFePO4 (CAS 15365-14-7) 1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Copper (CAS 7440-50-8) Listed.
 Dimethyl carbonate (CAS 616-38-6) Listed.
 Propyl Propionate (CAS 106-36-5) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA) All components of the mixture on the TSCA 8(b) inventory are designated "active".**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

SARA 311/312 Hazardous chemical Yes**SARA 313 (TRI reporting)**

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| Copper | 7440-50-8 | 18 |

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Contains component(s) regulated under the Safe Drinking Water Act.**US state regulations****US. Massachusetts RTK - Substance List**

1,3-Dioxolan-2-one (CAS 96-49-1)

Carbon Black (CAS 1333-86-4)
Copper (CAS 7440-50-8)
Dimethyl carbonate (CAS 616-38-6)
Graphite (CAS 7782-42-5)
Propyl Propionate (CAS 106-36-5)

US. New Jersey Worker and Community Right-to-Know Act

Carbon Black (CAS 1333-86-4)
Copper (CAS 7440-50-8)
Dimethyl carbonate (CAS 616-38-6)
Graphite (CAS 7782-42-5)
Lithium hexafluorophosphate (CAS 21324-40-3)

US. Pennsylvania Worker and Community Right-to-Know Law

1,3-Dioxolan-2-one (CAS 96-49-1)
Aluminium (CAS 7429-90-5)
Carbon Black (CAS 1333-86-4)
Copper (CAS 7440-50-8)
Dimethyl carbonate (CAS 616-38-6)
Graphite (CAS 7782-42-5)
Lithium hexafluorophosphate (CAS 21324-40-3)
Propyl Propionate (CAS 106-36-5)

US. Rhode Island RTK

Aluminium (CAS 7429-90-5)
Carbon Black (CAS 1333-86-4)
Copper (CAS 7440-50-8)
Graphite (CAS 7782-42-5)

California Proposition 65



WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

| | |
|------------------------------------|---------------------------|
| Beryllium powder (CAS 7440-41-7) | Listed: October 1, 1987 |
| Carbon Black (CAS 1333-86-4) | Listed: February 21, 2003 |
| Cobalt (CAS 7440-48-4) | Listed: July 1, 1992 |
| Lead (CAS 7439-92-1) | Listed: October 1, 1992 |
| Nickel (CAS 7440-02-0) | Listed: October 1, 1989 |
| Potassium chromate (CAS 7789-00-6) | Listed: February 27, 1987 |
| Titanium Dioxide (CAS 13463-67-7) | Listed: September 2, 2011 |

California Proposition 65 - CRT: Listed date/Developmental toxin

| | |
|------------------------------------|---------------------------|
| Lead (CAS 7439-92-1) | Listed: February 27, 1987 |
| Potassium chromate (CAS 7789-00-6) | Listed: December 19, 2008 |

California Proposition 65 - CRT: Listed date/Female reproductive toxin

| | |
|------------------------------------|---------------------------|
| Lead (CAS 7439-92-1) | Listed: February 27, 1987 |
| Potassium chromate (CAS 7789-00-6) | Listed: December 19, 2008 |

California Proposition 65 - CRT: Listed date/Male reproductive toxin

| | |
|------------------------------------|---------------------------|
| Lead (CAS 7439-92-1) | Listed: February 27, 1987 |
| Potassium chromate (CAS 7789-00-6) | Listed: December 19, 2008 |

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Aluminium (CAS 7429-90-5)
Carbon Black (CAS 1333-86-4)
Copper (CAS 7440-50-8)
Lithium hexafluorophosphate (CAS 21324-40-3)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

| | |
|------------------------------|--|
| Issue date | 09-December-2021 |
| Revision date | - |
| Version # | 01 |
| List of abbreviations | LD50: Lethal Dose 50%. LC50: Lethal Concentration 50%. |
| References | IARC Monographs. Overall Evaluation of Carcinogenicity Registry of Toxic Effects of Chemical Substances (RTECS) |
| Disclaimer | The information in this SDS was obtained from sources which we believe are reliable, but no warranty or representation as to its accuracy or completeness is hereby given. Users should consider the information herein only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal, the safety and health of employees and customers and the protection of the environment. |