SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: Denago E11 12 Fat 1.0 Model eBike

1.2. Intended Use of the Product
Use of the Substance/Mixture: Bicycle transportation and recreation

1.3. Name, Address, and Telephone of the Responsible Party
BIKE USA, Inc dba DENAGO
301 Alpha Road Suite 66-122
Dallas, TX 75240-4355
USA
877-755-2453
www.BIKE.com / www.denago.com

1.4. Emergency Telephone Number
Emergency Number : VelocityEHS
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
GHS-US Classification
Acute toxicity (oral) Category 3 H301
Acute toxicity (inhalation:dust,mist) Category 2 H330
Skin corrosion/irritation Category 1A H314
Serious eye damage/eye irritation Category 1 H318
Skin sensitization, Category 1 H317
Carcinogenicity Category 1B H350
Specific target organ toxicity (repeated exposure) Category 1 H317
Hazardous to the aquatic environment - Chronic Hazard Category 3 H412

2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US) : Danger
Hazard Statements (GHS-US) :
H301 - Toxic if swallowed.
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H330 - Fatal if inhaled.
H350 - May cause cancer (Inhalation).
H372 - Causes damage to organs (dental/bone fluorosis, lungs) through prolonged or repeated exposure.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US) :
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe fume, gas, mist, spray, vapors.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P284 - [In case of inadequate ventilation] wear respiratory protection.
P301+P310 - If swallowed: Immediately call a poison center or doctor.
2.3. Other Hazards
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)
No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance
Not applicable

#### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Synonyms</th>
<th>Product Identifier</th>
<th>%</th>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobalt lithium manganese nickel oxide</td>
<td>Lithium cobalt manganese nickel oxide</td>
<td>(CAS-No.) 182442-95-1</td>
<td>≤ 80</td>
<td>Acute Tox. 2 (Inhalation), H330 Carc. 1B, H350 STOT RE 1, H372 Aquatic Chronic 3, H412 Not classified</td>
</tr>
<tr>
<td>Steel manufacture, chemicals</td>
<td>Steel manufacture, chemicals (This category includes the chemical substances which are manufactured as part of steel and alloy steels. The following list identifies those elements which may exist in steel or which may comprise compounds present in steel or alloy steels. Aluminum, beryllium, boron, calcium, carbon, cerium, chromium, cobalt, copper, hafnium, iron, lanthanum, lead, magnesium, manganese, molybdenum, nickel, niobium, nitrogen, oxygen, phosphorus, selenium, silicon, sulfur, tantalum, tin, titanium, tungsten, vanadium, yttrium, zinc, zirconium.)</td>
<td>(CAS-No.) 65997-19-5</td>
<td>&lt; 76</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carbon</td>
<td>Carbon, activated / Activated carbon / Carbon Black / Graphite / Active carbon</td>
<td>(CAS-No.) 7440-44-0</td>
<td>10 – 30</td>
<td>Comb. Dust</td>
</tr>
<tr>
<td>Phosphate(1-)-, hexafluoro-, lithium</td>
<td>Lithium hexafluorophosphate(1-) / Lithium phosphohexafluoride / Phosphate(1-) /(hexafluoro- / lithium hexafluorophosphate</td>
<td>(CAS-No.) 21324-40-3</td>
<td>10 – 20</td>
<td>Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT RE 1, H372</td>
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<tr>
<td>Copper</td>
<td>C.I. 77400 / C.I. Pigment Metal 2 / Copper, elemental / Copper metal / Copper, metallic</td>
<td>(CAS-No.) 7440-50-8</td>
<td>2 – 10</td>
<td>Comb. Dust</td>
</tr>
<tr>
<td>Aluminum</td>
<td>Aluminium / Aluminium, metal / Aluminium, elemental / C.I. 77000 / Pigment Metal 1</td>
<td>(CAS-No.) 7429-90-5</td>
<td>2 – 10</td>
<td>Comb. Dust</td>
</tr>
<tr>
<td>1,1-Difluoroethylene polymer</td>
<td>Ethene, 1,1-difluoro-, homopolymer / Homopolymer, ethene, 1,1-difluoro- / Polyvinylidene fluoride / Polyvinylidene fluoride resin / Poly(vinylidene fluoride) / Poly(1,1-difluoroethylene) / Vinylidene fluoride homopolymer / Polymer of 1,1-difluoroethene</td>
<td>(CAS-No.) 24937-79-9</td>
<td>&lt; 5</td>
<td>Comb. Dust</td>
</tr>
</tbody>
</table>
**SECTION 4: FIRST AID MEASURES**

**4.1 Description of First-aid Measures**

**First-aid Measures General:** The following first aid measures apply in case of exposure to the interior battery components, if the battery is damaged and exposure occurs.

**First-aid Measures After Inhalation:** For exposure to battery contents: First, take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate respiratory protective equipment, use the buddy system), then remove the exposed person to fresh air. Keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**First-aid Measures After Skin Contact:** For exposure to battery contents: Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.

**First-aid Measures After Eye Contact:** For exposure to battery contents: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**First-aid Measures After Ingestion:** For exposure to battery contents: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor.

**4.2 Most Important Symptoms and Effects Both Acute and Delayed**

**Symptoms/Injuries:** Exposure to battery contents may result in the following: May be fatal if inhaled. Causes damage to organs (bone, lungs) through prolonged or repeated exposure. Skin sensitization. Toxic if swallowed. Causes severe skin burns and eye damage. May cause cancer by inhalation.

**Symptoms/Injuries After Inhalation:** Exposure to materials housed in battery: May be fatal if inhaled in significant amounts. May be corrosive to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Exposure to materials housed in battery: Causes severe irritation which will progress to chemical burns. May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Exposure to materials housed in battery: Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** Exposure to materials housed in battery: This material is toxic in small amounts orally, and can cause adverse health effects or death. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Chronic Symptoms:** Exposure to materials housed in battery: May cause cancer by inhalation. May cause damage to organs (bone, tooth, lungs) through prolonged or repeated exposure.

**4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

**SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 Extinguishing Media**

**Suitable Extinguishing Media:** Carbon dioxide (CO2). Dry chemical powder. Foam. Sand/earth. Water spray, fog (flooding amounts).

**Unsuitable Extinguishing Media:** Application of water to product may generate heat and increase fire intensity.

**5.2 Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Battery may rupture/explose when exposed to excessive heat or fire, if overcharged, short circuited, punctured, or crushed.
Denago E11 12 Fat 1.0 Model eBike

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Reactivity: Batteries are non-reactive under normal conditions of storage and use. If the internal contents are leaked lithium ion batteries may react with incompatible materials such as water, acids, bases, oxidizers, and reducing agents and form corrosive, irritating, and harmful fumes and by-products. If the battery is damaged, the interaction of water or water vapor and exposed lithium hexafluorophosphate may result in the generation of hydrogen and hydrogen fluoride (HF) gas.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Remove containers from fire area if this can be done without risk. Evacuate area. Fight fire remotely due to the risk of explosion.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Other Information: Batteries may explode in fire. Damaged batteries can result in rapid heating and the release of flammable vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Do not handle until all safety precautions have been read and understood. Product itself under normal conditions of use is not considered hazardous, for materials housed within product: Do not breathe fumes. Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.
6.1.1. For Non-Emergency Personnel
Protective Equipment: Use appropriate personal protective equipment (PPE).
6.1.2. For Emergency Personnel
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Materials for Containment and Cleaning Up
For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. If battery is not damaged cleanup spills mechanically, and put into approved container for disposal. If battery is damaged and/or leaking: Using shovel or broom, cover battery or spilled substances with dry sand or vermiculite, place in approved container and dispose in accordance with local regulations. Contact competent authorities after a spill.

6.4. Reference to Other Sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: May release corrosive vapors.
Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Since this product is a sealed battery, normal handling hazards are minimal unless the battery is damaged or the internal contents are exposed. Do not get in eyes, on skin, or on clothing. Do not breathe dust, vapors, spray from inner battery components. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.
Storage Conditions: Batteries should be separated from other materials and stored in a noncombustible, well ventilated, sprinkler-protected structure with sufficient clearance between walls and battery stacks. Do not store batteries in a manner that allows terminals to short circuit. Do not place batteries near heating equipment, nor expose to direct sunlight for long periods. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

7.3. Specific End Use(s)
Bicycle transportation and recreation
8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Copper (7440-50-8)

<table>
<thead>
<tr>
<th>Source</th>
<th>Parameter</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH OEL TWA</td>
<td>0.2 mg/m³ (fume)</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL TWA</td>
<td>1 mg/m³ (dust and mist)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.1 mg/m³ (fume)</td>
</tr>
<tr>
<td>USA IDLH</td>
<td>IDLH</td>
<td>100 mg/m³ (dust, fume and mist)</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL TWA</td>
<td>0.1 mg/m³ (fume)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 mg/m³ (dust and mist)</td>
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Aluminum (7429-90-5)

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<th>Parameter</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH OEL TWA</td>
<td>1 mg/m³ (respirable particulate matter)</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH chemical category</td>
<td>Not Classifiable as a Human Carcinogen</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL TWA</td>
<td>10 mg/m³ (total dust)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL TWA</td>
<td>15 mg/m³ (total dust)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³ (respirable fraction)</td>
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Nickel (7440-02-0)

<table>
<thead>
<tr>
<th>Source</th>
<th>Parameter</th>
<th>Limit</th>
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<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH OEL TWA</td>
<td>1.5 mg/m³ (inhalable particulate matter)</td>
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<tr>
<td>USA ACGIH</td>
<td>ACGIH chemical category</td>
<td>Not Suspected as a Human Carcinogen</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>BEI BLV</td>
<td>5 μg/l Parameter: Nickel - Medium: urine - Sampling time: post-shift at end of workweek (background)</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL TWA</td>
<td>0.015 mg/m³</td>
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<tr>
<td>USA IDLH</td>
<td>IDLH</td>
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</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL TWA</td>
<td>1 mg/m³</td>
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</table>

Manganese compounds

<table>
<thead>
<tr>
<th>Source</th>
<th>Parameter</th>
<th>Limit</th>
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</thead>
<tbody>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL TWA</td>
<td>1 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL STEL</td>
<td>3 mg/m³</td>
</tr>
<tr>
<td>USA IDLH</td>
<td>IDLH</td>
<td>500 mg/m³</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL Ceiling</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Gas detectors should be used when toxic gases may be released.


Materials for Protective Clothing: Chemically resistant materials and fabrics. Corrosion-proof clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: Solid
Appearance: No data available
Odor: Odorless
Odor Threshold: No data available
Denago E11 12 Fat 1.0 Model eBike
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>pH</td>
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<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
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<tr>
<td>Melting Point</td>
<td>No data available</td>
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<tr>
<td>Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
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<tr>
<td>Flammability</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
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<tr>
<td>Relative Vapor Density at 20°C</td>
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<tr>
<td>Relative Density</td>
<td>No data available</td>
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<tr>
<td>Solubility</td>
<td>Water: Insoluble</td>
</tr>
<tr>
<td>Partition Coefficient: N-Octanol/Water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other Information
No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Batteries are non-reactive under normal conditions of storage and use. If the internal contents are leaked lithium ion batteries may react with incompatible materials such as water, acids, bases, oxidizers, and reducing agents and form corrosive, irritating, and harmful fumes and by-products. If the battery is damaged, the interaction of water or water vapor and exposed lithium hexafluorophosphate may result in the generation of hydrogen and hydrogen fluoride (HF) gas.

10.2. Chemical Stability
Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions
Hazardous polymerization will not occur.

10.4. Conditions to Avoid
Do not heat, expose to fire, disassemble, short circuit, immerse in water, or abuse batteries.

10.5. Incompatible Materials
Strong acids, strong bases, strong oxidizers. Water.

10.6. Hazardous Decomposition Products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects
Exposure to the internal contents of the battery may result in:
Acute Toxicity (Oral): Toxic if swallowed.
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Fatal if inhaled.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration (Oral/Dust/Mist)</th>
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</thead>
<tbody>
<tr>
<td>Denago E11 12 Fat 1.0 Model eBike</td>
<td></td>
</tr>
<tr>
<td>ATE (Oral)</td>
<td>250 mg/kg body weight</td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
<td>0.06 mg/l/4h</td>
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<tr>
<td>Copper (7440-50-8)</td>
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<tr>
<td>LC50 Inhalation Rat</td>
<td>&gt; 5.11 mg/l/4h</td>
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<tr>
<td>Aluminum (7429-90-5)</td>
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</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>&gt; 0.888 mg/L/4h (No deaths)</td>
</tr>
<tr>
<td>Cobalt lithium manganese nickel oxide (182442-95-1)</td>
<td></td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
<td>0.05 mg/l/4h</td>
</tr>
<tr>
<td>Phosphate(1-), hexafluoro-, lithium (21324-40-3)</td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>50 – 300 mg/kg</td>
</tr>
<tr>
<td>Carbon (7440-44-0)</td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>&gt; 10000 mg/kg</td>
</tr>
<tr>
<td>Nickel (7440-02-0)</td>
<td></td>
</tr>
</tbody>
</table>
Denago E11 12 Fat 1.0 Model eBike
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

LD50 Oral Rat > 9000 mg/kg
LC50 Inhalation Rat > 10.2 mg/l (Exposure time: 1 h)

Skin Corrosion/Irritation: Causes severe skin burns.
Serious Eye Damage/Irritation: Causes serious eye damage.
Respiratory or Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified
Carcinogenicity: May cause cancer (Inhalation).

Nickel (7440-02-0)
IARC group 2B
National Toxicology Program (NTP) Status Reasonably anticipated to be Human Carcinogen.
OSHA Hazard Communication Carcinogen List In OSHA Hazard Communication Carcinogen list.

Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs (dental/bone fluorosis, lungs) through prolonged or repeated exposure.
Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Exposure to materials housed in battery: May be fatal if inhaled in significant amounts. May be corrosive to the respiratory tract.
Symptoms/Injuries After Skin Contact: Exposure to materials housed in battery: Causes severe irritation which will progress to chemical burns. May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact: Exposure to materials housed in battery: Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/Injuries After Ingestion: Exposure to materials housed in battery: This material is toxic in small amounts orally, and can cause adverse health effects or death. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic Symptoms: Exposure to materials housed in battery: May cause cancer by inhalation. May cause damage to organs (bone, tooth, lungs) through prolonged or repeated exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecology - General: Harmful to aquatic life with long lasting effects.

Nickel (7440-02-0)
LC50 Fish 1 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
EC50 Crustacea 1 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2 15.3 mg/l
EC50 Crustacea 2 1 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and Degradability
Denago E11 12 Fat 1.0 Model eBike
Persistence and Degradability: May cause long-term adverse effects in the environment.
Copper (7440-50-8)
Persistence and Degradability: Not readily biodegradable.

12.3. Bioaccumulative Potential
Denago E11 12 Fat 1.0 Model eBike
Bioaccumulative Potential: Not established.

12.4. Mobility in Soil
No additional information available

12.5. Other Adverse Effects
Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods
Waste Disposal Recommendations: Material should be recycled if possible. Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.
Additional Information: Batteries should be completely discharged prior to disposal and/or the terminals taped or capped to prevent short circuit.
Ecology - Waste Materials: This material is hazardous to the aquatic environment. Keep out of sewers and waterways. Avoid release to the environment.
SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT
Proper Shipping Name: BATTERY-POWERED VEHICLE
Hazard Class: 9
Identification Number: UN3171
Label Codes: 9
ERG Number: 154

14.2. In Accordance with IMDG
Proper Shipping Name: BATTERY-POWERED VEHICLE
Hazard Class: 9
Identification Number: UN3171
Label Codes: 9A
EmS-No. (Fire): F-A
EmS-No. (Spillage): S-I

14.3. In Accordance with IATA
Proper Shipping Name: BATTERY-POWERED VEHICLE
Identification Number: UN3171
Hazard Class: 9
Label Codes: 9
ERG Code (IATA): 9L

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>EPA TSCA Regulatory Flag</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper (7440-50-8)</td>
<td>XU - XU</td>
<td>indicates a substance exempt from reporting under the Chemical Data</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reporting Rule, (40 CFR 711).</td>
</tr>
<tr>
<td>Aluminum (7429-90-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,1-Difluoroethylene polymer (24937-79-9)</td>
<td>XU - XU</td>
<td>indicates a substance exempt from reporting under the Chemical Data</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reporting Rule, (40 CFR 711).</td>
</tr>
<tr>
<td>Cobalt lithium manganese nickel oxide (182442-95-1)</td>
<td>PMN - PMN</td>
<td>indicates a commended PMN substance.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S - S indicates a substance that is identified in a final Significant</td>
</tr>
<tr>
<td></td>
<td></td>
<td>New Use Rule.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5E - 5E indicates a substance that is the subject of a TSCA section</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5E order.</td>
</tr>
<tr>
<td>Styrene-butadiene copolymer (9003-55-8)</td>
<td>XU - XU</td>
<td>indicates a substance exempt from reporting under the Chemical Data</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reporting Rule, (40 CFR 711).</td>
</tr>
</tbody>
</table>

Copper (7440-50-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 5000 lb no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 µm

SARA Section 313 - Emission Reporting

1 %

Aluminum (7429-90-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Subject to reporting requirements of United States SARA Section 313

SARA Section 313 - Emission Reporting

1 % (dust or fume only)

1,1-Difluoroethylene polymer (24937-79-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

EPA TSCA Regulatory Flag

XU - XU indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Styrene-butadiene copolymer (9003-55-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

EPA TSCA Regulatory Flag

XU - XU indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Denago E11 12 Fat 1.0 Model eBike
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Phosphate(1-), hexafluoro-, lithium (21324-40-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

EPA TSCA Regulatory Flag
PMN - PMN - indicates a commenced PMN substance.

Carbon (7440-44-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Nickel (7440-02-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ
100 lb (only applicable if particles are < 100 µm)

SARA Section 313 - Emission Reporting
0.1 %

Manganese compounds
Subject to reporting requirements of United States SARA Section 313

SARA Section 313 - Emission Reporting
1 % (includes any unique chemical substance that contains Manganese as part of that chemical's infrastructure)

Steel manufacture, chemicals (65997-19-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

15.2. US State Regulations

Copper (7440-50-8)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Aluminum (7429-90-5)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Manganese compounds
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Nickel (7440-02-0)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

California Proposition 65
WARNING: This product can expose you to Nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>Carcinogenicity</th>
<th>Developmental Toxicity</th>
<th>Female Reproductive Toxicity</th>
<th>Male Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel (7440-02-0)</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision: 11/09/2022
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

- H301: Toxic if swallowed
- H314: Causes severe skin burns and eye damage
- H317: May cause an allergic skin reaction
- H318: Causes serious eye damage
Denago E11 12 Fat 1.0 Model eBike
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)