

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product Identity** Electric Bikes

**Alternate Names** Electric Bikes

**Unique Formula Identifier**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Intended use** See Technical Data Sheet.

**1.3. Details of the supplier of the safety data sheet**

**Company Name** HK Vanmoof Asia Limited Taiwan Branch  
No.9, Ln 71, Sec. 1, Hangzhou S. Rd.,  
ZhongZheng Dist., Taipei City 100019, Taiwan  
886 2 2356 8336

**Customer Service:**

**1.4. Emergency telephone number**

**Emergency**

**24 hour Emergency Telephone No.** 886 2 2356 8336



PIN CODE: 61FFDAA4

<b>Section 2. Hazard identification of the product</b>
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The product is not classified for GHS. This product and its batteries are defined as “articles”, they are exempt from the requirements of the Hazard Communication Standard.

The hazards indicated below cover the abnormal situation where a battery ruptures.

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Acute Tox. 5;H303	May be harmful if swallowed. (Not adopted by EU CLP)
Acute Tox. 3;H331	Toxic if inhaled.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Dam. 1;H318	Causes serious eye damage.
Skin Sens. 1;H317	May cause an allergic skin reaction.
Carc. 1A;H350i	May cause cancer by inhalation.
STOT RE 1;H372	Causes damage to organs through prolonged or repeated exposure.
Aquatic Acute 3;H402	Harmful to aquatic life.
Aquatic Chronic 3;H412	Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006



**Danger**

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H350 May cause cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

**Safety Data Sheet  
Electric Bikes**SDS Revision Date: 01-Aug-2022  
SGS Reference No.:ETA22600065**[Prevention]:**

- P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P233 Keep container tightly closed.  
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash 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 should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, eye protection, face protection.

**[Response]:**

- P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P308+313 IF exposed or concerned: Get medical advice or attention.  
P311 Call a POISON CENTER or doctor , physician.  
P321 Specific treatment (see information on this label).  
P331 Do NOT induce vomiting.  
P333+313 If skin irritation or a rash occurs: Get medical advice or attention.  
P362 Take off contaminated clothing and wash before reuse.

**[Storage]:**

- P403+233 Store in a well ventilated place. Keep container tightly closed.  
P405 Store locked up.

**[Disposal]:**

- P501 Dispose of contents or container in accordance with local and national regulations.

**2.3. Other hazards**

- This product contains no PBT/vPvB chemicals.  
This product contains no endocrine disrupting chemicals.

## Section 3. Composition/information on ingredients

## 3.2. Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS] (as amended by (EU) 2015/830 and REGULATION (EU) 2020/878), they are listed below.

Portion	Ingredient/Chemical Designations	Cas No.	Concentration Range (wt%)	Notes *
Positive electrode	Lithium transition metal oxidate (Li[M]m[O]n <sup>b</sup> )	12031-65-1, 12057-17-9, 12190-79-3, 182442-95-1, 207803-51-8	20~60	H <sup>^</sup> CLP 3.1 Chronic M-Factor: 1  Chronic M-Factor: 1
Positive electrode's base	Aluminum	7429-90-5	1~10	
Negative electrode	Carbon	7782-42-5, 7440-44-0	10~30	
Negative electrode's base	Copper	7440-50-8	1~15	Chronic M-Factor: 1
Electrolyte	Ethyl methyl carbonate Diethyl carbonate Ethylene carbonate Lithium hexafluorophosphate	96-49-1, 105-58-8, 623-53-0, 21324-40-3	5~25	
Outer Case	Aluminum, Iron, aluminum laminated plastic	7429-90-5, 7439-89-6	1~30	

<sup>^</sup>CLP<sup>31</sup> Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

**Section 4. First aid measures****4.1. Description of first aid measures**

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eye</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Overview</b>	No specific symptom data available. Treat symptomatically. See section 2 for further details.
<b>Inhalation</b>	Toxic if inhaled.
<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	May cause an allergic skin reaction. Causes skin irritation.
<b>Ingestion</b>	May be harmful if swallowed. (Not adopted by EU CLP)

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically.

**Section 5. Fire-fighting measures****5.1. Extinguishing media**

Chemical dry powder, foam, CO<sub>2</sub>, water mist sprinkler

**5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition: No hazardous decomposition data available.

Keep container tightly closed.

Avoid breathing dust, fume, gas, mist, vapors, spray.

Do not get in eyes, on skin, or on clothing.

**5.3. Advice for fire-fighters**

Put on appropriate personal protective equipment (see section 8).

**ERG Guide No.** 147

**Section 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Sweep up or pick up.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

**Section 7. Handling and storage****7.1. Precautions for safe handling**

Store in cool, dry ventilated area. Avoid excessive heat. Always keep containers tightly closed when not in use.

Avoid contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment.

Observe good industrial hygiene practices.

See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

Incompatible materials: No available information

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

No available information

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**Section 8. Exposure controls / personal protection**

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0000096-49-1	Ethylene carbonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0000105-58-8	Diethyl carbonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0000623-53-0	Carbonate, methyl ethyl	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0007429-90-5	Aluminum	OSHA	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		ACGIH	TWA: 1.0 mg/m <sup>3</sup>
		NIOSH	TWA 10 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		National	No Established Limit
0007439-89-6	Iron	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0007440-44-0	Carbon	OSHA	TWA 15 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)
		ACGIH	No Established Limit
		NIOSH	No established RELs
		National	No Established Limit
0007440-50-8	Copper	OSHA	TWA 1 mg/m <sup>3</sup> [*Note: The PEL also applies to other copper compounds (as Cu) except copper fume.]
		ACGIH	TWA: 0.2 mg/m <sup>3</sup> (fume) 1 mg/m <sup>3</sup> (dusts and mists)
		NIOSH	TWA 1 mg/m <sup>3</sup> [*Note: The REL also applies to other copper compounds (as Cu) except Copper fume.]
		National	No Established Limit
0007782-42-5	Graphite	OSHA	TWA 15 mg/m <sup>3</sup> TWA 15 mppcf
		ACGIH	TWA: 2 mg/m <sup>3</sup>
		NIOSH	TWA 2.5 mg/m <sup>3</sup> (resp)
		National	No Established Limit
0012031-65-1	Lithium nickel dioxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0012057-17-9	Lithium manganese oxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0012190-79-3	Cobaltate, lithium	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit

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0021324-40-3	Lithium hexafluorophosphate(1-)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0182442-95-1	Cobalt lithium manganese nickel oxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit
0207803-51-8	Aluminum boron cobalt lithium nickel oxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		National	No Established Limit

**8.2. Exposure controls**

- Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
- Eyes** Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
- Skin** Avoid skin contact. Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.
- Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
- Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
- See section 2 for further details.

**Section 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

- Appearance** Color: Metallic color or black (without tube if it has tube)  
Physical State: Solid  
Form : Cylindrical or Prismatic or Pouch (laminated)
- Odor** Odorless
- Odor threshold** No available information
- pH** No available information
- Melting point / freezing point** No available information
- Initial boiling point and boiling range** No available information
- Flash Point** No available information
- Evaporation rate (Ether = 1)** No available information



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<b>Flammability (solid, gas)</b>	No available information
<b>Upper/lower flammability or explosive limits</b>	No available information
<b>Vapor pressure (Pa)</b>	No available information
<b>Vapor Density</b>	No available information
<b>Relative Density</b>	No available information
<b>Solubility in Water</b>	Insoluble
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information

**9.2. Other information**

No other relevant information.

<b>Section 10. Stability and reactivity</b>
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**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No available information

**10.4. Conditions to avoid**

Avoid high temperatures and contact with incompatible material

**10.5. Incompatible materials**

No available information

**10.6. Hazardous decomposition products**

No hazardous decomposition data available.

<b>Section 11. Toxicological information</b>
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**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

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Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Ethylene carbonate - (96-49-1)	10,400.00, Rat - Category: NA	> 2,000.00, Rat - Category: NA	No data available	No data available	No data available
Diethyl carbonate - (105-58-8)	> 5.00, Rat - Category: NA	No data available	No data available	> 1.268, Rat - Category: NA	No data available
Carbonate, methyl ethyl - (623-53-0)	> 5,000.00, Rat - Category: NA	No data available	> 17.60, Rat - Category: NA	No data available	No data available
Aluminum - (7429-90-5)	>15,900.00, Rat - Category: NA	No data available	No data available	> 0.888, Rat - Category: NA	No data available
Iron - (7439-89-6)	98,600.00, Rat - Category: NA	No data available	No data available	> 250.00, Rat - Category: NA	No data available
Carbon - (7440-44-0)	> 2,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Copper - (7440-50-8)	> 2,500.00, Rat - Category: NA	> 2,000.00, Rat - Category: NA	No data available	> 5.11, Rat - Category: NA	No data available
Graphite - (7782-42-5)	> 2,000.00, Rat - Category: NA	No data available	> 2.00, Rat - Category: NA	No data available	No data available
Lithium nickel dioxide - (12031-65-1)	> 2,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Lithium manganese oxide - (12057-17-9)	No data available	No data available	No data available	No data available	No data available
Cobaltate, lithium - (12190-79-3)	> 5,000.00, Rat - Category: NA	> 2,000.00, Rat - Category: NA	No data available	5.05, Rat - Category: 5	No data available
Lithium hexafluorophosphate(1-) - (21324-40-3)	300.00, Rat - Category: 3	No data available	No data available	No data available	No data available
Cobalt lithium manganese nickel oxide - (182442-95-1)	No data available	No data available	No data available	No data available	No data available
Aluminum boron cobalt lithium nickel oxide - (207803-51-8)	No data available	No data available	No data available	No data available	No data available

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0000096-49-1	Ethylene carbonate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0000105-58-8	Diethyl carbonate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0000623-53-0	Carbonate, methyl ethyl	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0007429-90-5	Aluminum	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A4
0007439-89-6	Iron	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0007440-44-0	Carbon	OSHA	Regulated Carcinogen: No;

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		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0007440-50-8	Copper	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0007782-42-5	Graphite	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0012031-65-1	Lithium nickel dioxide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0012057-17-9	Lithium manganese oxide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0012190-79-3	Cobaltate, lithium	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0021324-40-3	Lithium hexafluorophosphate(1-)	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0182442-95-1	Cobalt lithium manganese nickel oxide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
0207803-51-8	Aluminum boron cobalt lithium nickel oxide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
<b>Classification</b>	<b>Category</b>	<b>Hazard Description</b>	
Acute toxicity (oral)	5	May be harmful if swallowed. (Not adopted by EU CLP)	
Acute toxicity (dermal)	---	---	
Acute toxicity (inhalation)	3	Toxic if inhaled.	
Skin corrosion/irritation	2	Causes skin irritation.	
Serious eye damage/irritation	1	Causes serious eye damage.	
Respiratory sensitization	---	---	
Skin sensitization	1	May cause an allergic skin reaction.	
Germ cell mutagenicity	---	---	
Carcinogenicity	1A	May cause cancer by inhalation.	
Reproductive toxicity	---	---	

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STOT-single exposure	---	---
STOT-repeated exposure	1	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	---

**11.2.1 Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**Section 12. Ecological information**

**12.1. Toxicity**

Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.

Harmful to aquatic life.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L	3hr IC50 Bacteria mg/L	Biodegradability %
Ethylene carbonate - (96-49-1)	> 100.00, Oncorhynchus mykiss	5,900.00, Ceriodaphnia dubia	> 100.00 (72 hr), Pseudokirchneriella subcapitata	---	86.90
Diethyl carbonate - (105-58-8)	---	---	> 100.00 (72 hr), Desmodesmus subspicatus	---	75.00
Carbonate, methyl ethyl - (623-53-0)	> 100.00, Oncorhynchus tshawytscha	> 100.00, Daphnia magna	> 62.00 (72 hr), Desmodesmus subspicatus	---	98.00
Aluminum - (7429-90-5)	6.17, Oncorhynchus mykiss	0.0169, Ceriodaphnia dubia	0.0169 (72 hr), Pseudokirchneriella subcapitata	---	---
Iron - (7439-89-6)	---	---	---	>= 10,000.00	---
Carbon - (7440-44-0)	---	---	---	---	---
Copper - (7440-50-8)	0.193, Pimephales promelas	0.007, Daphnia magna	0.152 (72 hr), Pseudokirchneriella subcapitata	---	Readily biodegradable
Graphite - (7782-42-5)	> 100.00, Danio rerio	> 100.00, Daphnia magna	> 100.00 (72 hr), Pseudokirchneriella subcapitata	> 1,012.50	---
Lithium nickel dioxide - (12031-65-1)	---	---	---	---	---
Lithium manganese oxide - (12057-17-9)	---	---	---	---	---
Cobaltate, lithium - (12190-79-3)	85.30, Danio rerio	42.70, Not Defined	71.314 (96 hr), Dunaliella tertiolecta	---	---
Lithium hexafluorophosphate(1-) - (21324-40-3)	369.00, Oryzias latipes	> 100.00, Daphnia magna	122.00 (72 hr), Scenedesmus subspicatus	> 1,000.00	Readily biodegradable
Cobalt lithium manganese nickel oxide - (182442-95-1)	---	---	---	---	---
Aluminum boron cobalt lithium nickel oxide - (207803-51-8)	---	---	---	---	---

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

No available information

**12.4. Mobility in soil**

No available information

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6 Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**12.7. Other adverse effects**

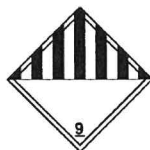
No available information

**Section 13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**Section 14. Transport information**



	<b>ADR/RID</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	UN3171	UN3171	UN3171
<b>14.2. UN proper shipping name</b>	UN3171, Battery-powered vehicle or Battery-powered equipment, 9,	Battery-powered vehicle or Battery-powered equipment	Battery-powered vehicle or Battery-powered equipment
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class: 9</b> <b>Sub Class:</b>	<b>IMDG: 9</b> <b>Sub Class:</b>	<b>Air class: 9</b> <b>Sub Class:</b>
<b>14.4. Packing group</b>			
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: ;		
<b>14.6. Special precautions for user</b>	No available information		

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not Applicable

**Section 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Legislation**

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**National Legislation**

None noted.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out.

**Section 16. Other information****SDS Revision Date** 01-Aug-2022

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H228 Flammable solid.

H261 In contact with water releases flammable gases.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H350 May cause cancer.

H350i May cause cancer if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

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H373 May cause damage to organs through prolonged or repeated exposure.

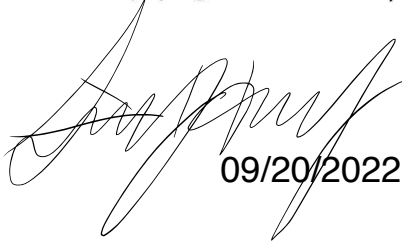
H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

End of Document

Issued by (Signature / Date) :

  
09/20/2022

