



# Safety Data Sheets (SDSs)

**Reference No**..... : WTH23X08170644B  
**Applicant**..... : EcoFlow Innovation Ltd.  
**Address**..... : 1st Floor, Building 1, Plant E, Jiehe Industrial City, Shuitian Community, Shiyuan Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China  
**Manufacturer**..... : EcoFlow Innovation Ltd.  
**Address**..... : 1st Floor, Building 1, Plant E, Jiehe Industrial City, Shuitian Community, Shiyuan Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China  
**Sample's name**..... : Portable Power Station  
**Model /Type**..... : EFR620  
**Rating**..... : 19.2V, 40Ah, 768Wh  
Ac Input/AC-Eingang: 220-240V~50Hz/60Hz 10A Max  
Solar/Solaire/solar/DC-Eingang: 11-50V===13A 220W Max  
Total Output/Gesamtleistung: 1050W  
DC Output/DC-Ausgang: 12.6V===10A/3A/3A 126W Max  
AC Output/AC-Ausgang(x3): 230V~3.5A (total)50Hz/60Hz 800W  
AC Output/AC-Ausgang(Bypass)(x3): 220-240V~1600W (total) 50Hz/60Hz  
USB-A Output/USB-A-Ausgang(x3): 5V===2.4A 12W Max per port (total 24W)  
UsB-C Input/output/USB-C-Eingang/Ausgang: 5/9/12/15/20V===5A 100W Max  
**Weight**..... : Approx.7.95 kg  
**Date of Issue**..... : 2023-08-07



Prepared By:  
**Waltek Testing Group (Shenzhen) Co., Ltd.**

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## Safety Data Sheet according to WHS Regulations (Hazardous Chemicals) Amendment 2020 and ADG requirements

### SECTION 1 Identification of the substance / mixture and of the company / undertaking

#### Product Identifier

<b>Product name:</b>	Portable Power Station
<b>Chemical Name:</b>	Not Applicable
<b>Synonyms:</b>	Lithium-ion Pack, Lithium-ion Battery, Li-Ion Pack, Li-Ion Battery
<b>Proper shipping name:</b>	LITHIUM ION BATTERIES (including lithium ion battery)
<b>Chemical formula:</b>	Not Applicable
<b>Other means of identification:</b>	Not Available

#### Relevant identified uses of the substance or mixture and uses advised against

<b>Relevant identified uses:</b>	Lithium ion battery, 19.2 V, Capacity 40 Ah, Wh rating 768Wh. NOTE: Chemical materials are stored in sealed case. The toxic properties of the electrode materials are hazardous only if the materials are released by damaging the cell or if exposed to fire. The sealed battery is not hazardous in normal use. The chemical hazards are related to the leaked battery contents. If Transport Code Special Provision 188 applies the batteries will be unregulated for transport.
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#### Details of the supplier of the safety data sheet

<b>Registered company name:</b>	EcoFlow Innovation Ltd.
<b>Address:</b>	1st Floor, Building 1, Plant E, Jiehe Industrial City, Shuitian Community, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, P.R. China
<b>Telephone:</b>	+86 0755 86660185
<b>Emergency telephone number:</b>	+86 0755 86660185
<b>Fax:</b>	/
<b>Website:</b>	<a href="https://www.ecoflow.com">https://www.ecoflow.com</a>
<b>Email:</b>	marketing.cn@ecoflow.com

<b>Australian company name:</b>	EcoFlow Australia Pty Ltd
<b>Address:</b>	Suite 1, Level 8, 50 Margaret Street, Sydney NSW 2000, Australia
<b>Emergency Telephone Number:</b>	Australia Poisons Information Centre: 131 126 EE Group: +61 (0) 397 236 699 Konec Distribution: +61 (0) 493 484 512 Autobacs Australia Pty Ltd : +61 2 8841 9008



## SECTION 2 Hazards identification

<b>Classification of the substance or mixture</b>	
Poisons Schedule	Not Applicable
Classification [1]	Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 2B, Sensitisation (Respiratory) Category 1, Carcinogenicity Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 4, Acute Toxicity (Oral) Category 4
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI
<b>Label elements</b>	
Hazard pictogram(s)	
Signal word	Danger
<b>Hazard statement(s)</b>	
H317	May cause an allergic skin reaction.
H320	Causes eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H350	May cause cancer.
H413	May cause long lasting harmful effects to aquatic life.
H302	Harmful if swallowed.
<b>Precautionary statement(s) Prevention</b>	
P201	Obtain special instructions before use.
P261	Avoid breathing dust/fumes.
P280	Wear protective gloves and protective clothing.
P284	[In case of inadequate ventilation] wear respiratory protection.
P264	Wash all exposed external body areas thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P272	Contaminated work clothing should not be allowed out of the workplace.
<b>Precautionary statement(s) Response</b>	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/ attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/physician/first aider.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.



P362+P364	Take off contaminated clothing and wash it before reuse.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/physician/first aider if you feel unwell.
P330	Rinse mouth.
<b>Precautionary statement(s) Storage</b>	
P405	Store locked up.
<b>Precautionary statement(s) Disposal</b>	
P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

### **SECTION 3 Composition / information on ingredients**

#### **Substances**

See section below for composition of Mixtures

#### **Mixtures**

<b>Chemical Composition</b>	<b>Molecular Formula</b>	<b>CAS No.</b>	<b>Weight (%)</b>
Lithium iron phosphate	LiFePO <sub>4</sub>	15365-14-7	25-35
Graphite	C	7782-42-5	8-12
Lithium hexafluorophosphate	LiPF <sub>6</sub>	21324-40-3	15-22
Aluminum	Al	7429-90-5	5-8
Copper	Cu	7440-50-8	10-15
High molecular polymer	N/A	N/A	3-5
Nickel	Ni	7440-02-0	0.5-1
Iron	Fe	7439-89-6	22-30

#### **Legend:**

1. Classified by Chemwatch;
2. Classification drawn from HCIS;
3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI;
4. Classification drawn from C&L; \* EU IOELVs available
5. N/A=Not apply.



## **SECTION 4 First aid measures**

<b>Description of first aid measures</b>	
Eye Contact	<ul style="list-style-type: none"> <li>✧ Generally not applicable.</li> </ul> <p><b>If this product comes in contact with the eyes:</b></p> <ul style="list-style-type: none"> <li>✧ Wash out immediately with fresh running water.</li> <li>✧ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>✧ Seek medical attention without delay; if pain persists or recurs seek medical attention.</li> <li>✧ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
Skin Contact	<p><b>If skin contact occurs:</b></p> <ul style="list-style-type: none"> <li>✧ Immediately remove all contaminated clothing, including footwear.</li> <li>✧ Flush skin and hair with running water (and soap if available).</li> <li>✧ Seek medical attention in event of irritation.</li> </ul>
Inhalation	Remove patient to fresh air and seek medical attention.
Ingestion	<ul style="list-style-type: none"> <li>✧ Not considered a normal route of entry.</li> <li>✧ If swallowed do NOT induce vomiting.</li> <li>✧ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>✧ Observe the patient carefully.</li> <li>✧ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>✧ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>✧ Seek medical advice.</li> </ul>

### **Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.



## **SECTION 5 Firefighting measures**

### **Extinguishing media**

- ✧ Dry chemical powder.
- ✧ BCF (where regulations permit).
- ✧ Carbon dioxide.

<b>Special hazards arising from the substrate or mixture</b>	
Fire Incompatibility	None known.
<b>Advice for firefighters</b>	
Fire Fighting	<ul style="list-style-type: none"> <li>✧ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>✧ Wear breathing apparatus plus protective gloves in the event of a fire.</li> <li>✧ Prevent, by any means available, spillage from entering drains or water courses.</li> <li>✧ Use fire fighting procedures suitable for surrounding area.</li> <li>✧ DO NOT approach containers suspected to be hot.</li> <li>✧ Cool fire exposed containers with water spray from a protected location.</li> <li>✧ If safe to do so, remove containers from path of fire.</li> <li>✧ Equipment should be thoroughly decontaminated after use.</li> </ul>
Fire/Explosion Hazard	<ul style="list-style-type: none"> <li>✧ Non combustible.</li> <li>✧ Not considered to be a significant fire risk.</li> <li>✧ Heating may cause expansion or decomposition leading to violent rupture of containers.</li> <li>✧ May emit acrid smoke. May emit corrosive and poisonous fumes.</li> </ul> <p><b>Decomposes on heating and produces toxic fumes of:</b>  carbon monoxide (CO)  carbon dioxide (CO<sub>2</sub>)  metal oxides</p>
HAZCHEM	2Y



## **SECTION 6 Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures:**

See section 8

### **Environmental precautions:**

See section 12

<b>Methods and material for containment and cleaning up</b>	
Minor Spills	<p>Clean up all spills immediately.</p> <p>Avoid contact with skin and eyes.</p> <p>Place in suitable containers for disposal.</p>
Major Spills	<ul style="list-style-type: none"> <li>✧ Clean up all spills immediately.</li> <li>✧ Wear protective clothing, safety glasses, dust mask, gloves.</li> <li>✧ Secure load if safe to do so. Bundle/collect recoverable product.</li> <li>✧ Use dry clean up procedures and avoid generating dust.</li> <li>✧ Vacuum up (consider explosion-proof machines designed to be grounded during storage and use).</li> <li>✧ Water may be used to prevent dusting.</li> <li>✧ Collect remaining material in containers with covers for disposal.</li> <li>✧ Flush spill area with water.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## **SECTION 7 Handling and storage**

<b>Precautions for safe handling</b>	
Safe handling	<p>Avoid short circuiting the battery. Avoid mechanical damage of the battery. Do not open or disassemble. Do not connect the positive terminal to the negative terminal with electrical wire or chain. Avoid polarity reverse connection when installing the battery to an instrument. Do not wet the battery with water, seawater or acid; or expose to strong oxidizer. Keep the battery away from heat and fire. Do not disassemble or reconstruct the battery; or solder the battery directly. Do not give a mechanical shock or deform. Do not use unauthorized charger or other charging method. Terminate charging when the charging process does not end within specified time.</p> <p>Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS.</p> <p>Avoid physical damage to containers.</p>
Other information	<ul style="list-style-type: none"> <li>✧ Keep dry.</li> <li>✧ Store under cover.</li> <li>✧ Protect containers against physical damage.</li> </ul>



	<ul style="list-style-type: none"> <li>✧ Observe manufacturer's storage and handling recommendations contained within this SDS.</li> <li>Keep out of reach of children.</li> <li>Store out of direct sunlight</li> <li>✧ Store away from incompatible materials.</li> </ul>
<b>Conditions for safe storage, including any incompatibilities</b>	
<b>Suitable container</b>	Store in original containers.
<b>Storage incompatibility</b>	<ul style="list-style-type: none"> <li>✧ Avoid reaction with oxidising agents</li> <li>✧ Avoid strong acids, acid chlorides, acid anhydrides and chloroformates.</li> </ul>

## **SECTION 8 Exposure controls / personal protection**

### **Control parameters**

Ingredients with limit values that require monitoring at the workplace:	
15365-14-7 Lithium iron phosphate(LiFePO <sub>4</sub> )	
TLV (USA)	0.02mg/m <sup>3</sup>
MAK (Germany)	0.1mg/m <sup>3</sup>

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962(11th Cir., 1992).

### **Appropriate engineering controls**

**Engineering Measures** Showers

Eyewash stations

Ventilation systems

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Ensure adequate ventilation.

### **Individual protection measures, such as personal protective equipment**

**Eye/Face Protection:**



**Tightly sealed goggles**

**Body protection:**

Protective work clothing.

**Skin protection:**



**Protective gloves**

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the





resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties	
<b>Appearance</b>	Battery cells in hermetically sealed metal or metal laminated plastic case. No odour.

<b>Physical state</b>	Manufactured	<b>Relative density (Water = 1)</b>	Not Available
<b>Odour</b>	Not Available	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Available	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	Not Available	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Available	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	Not Available	<b>pH as a solution (%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available



## SECTION 10 Stability and reactivity

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	<ul style="list-style-type: none"> <li>✧ Unstable in the presence of incompatible materials.</li> <li>✧ Product is considered stable.</li> <li>✧ Hazardous polymerisation will not occur.</li> </ul>
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

## SECTION 11 Toxicological information

**Acute toxicity:** No data available.

LD/LC50 values relevant for classification:

Not available.

**Skin corrosion/irritation:** No irritant effect.

**Serious eye damage/irritation:** Cause serious eye irritation.

**Respiratory or skin sensitization:** No sensitizing effects known.

**Specific target organ system toxicity:** No information available.

**CMR effects(carcinogenity, mutagenicity and toxicity for reproduction):** No information available.

## SECTION 12 Ecological information

**Toxicity:**

Acquatic toxicity:

No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.


**Other adverse effects:** No information available.



## SECTION 13 Disposal considerations

<b>Waste treatment methods</b>	
<b>Product / Packaging disposal</b>	<ul style="list-style-type: none"> <li>✧ Recycle wherever possible or consult manufacturer for recycling options.</li> <li>✧ Consult State Land Waste Management Authority for disposal.</li> <li>✧ Bury residue in an authorised landfill.</li> <li>✧ Recycle containers if possible, or dispose of in an authorised landfill.</li> </ul>

## SECTION 14 Transport information

<b>Labels Required</b>												
<b>Marine Pollutant</b>	NO											
<b>HAZCHEM</b>	2Y											
<b>Land transport (ADG)</b>												
<b>UN number</b>	3480											
<b>UN proper shipping name</b>	LITHIUM ION BATTERIES (including lithium ion battery)											
<b>Transport hazard class(es)</b>	<table border="1" style="width: 100%;"> <tr> <td>Class</td> <td>9</td> </tr> <tr> <td>Subrisk</td> <td>Not Applicable</td> </tr> </table>	Class	9	Subrisk	Not Applicable							
Class	9											
Subrisk	Not Applicable											
<b>Packing group</b>	Not Applicable											
<b>Environmental hazard</b>	Not Applicable											
<b>Special precautions for user</b>	<table border="1" style="width: 100%;"> <tr> <td>Special provisions</td> <td>188 230 310 348 376 377 384 387 390</td> </tr> <tr> <td>Limited quantity</td> <td>0</td> </tr> </table>	Special provisions	188 230 310 348 376 377 384 387 390	Limited quantity	0							
Special provisions	188 230 310 348 376 377 384 387 390											
Limited quantity	0											
<b>Air transport (ICAO-IATA / DGR)</b>												
<b>UN number</b>	3480											
<b>UN proper shipping name</b>	LITHIUM ION BATTERIES (including lithium ion battery)											
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Special provisions	A88 A99 A154 A164 A183 A201 A206 A213 A331 A334 A802											
Cargo Only Packing Instructions	See 965											
Cargo Only Maximum Qty / Pack	See 965											
Passenger and Cargo Packing Instructions	Forbidden											
Passenger and Cargo Maximum Qty / Pack	Forbidden											



	Passenger and Cargo Limited Quantity Packing Instructions	Forbidden
	Passenger and Cargo Limited Maximum Qty / Pack	Forbidden
<b>Sea transport (IMDG-Code / GGVSee)</b>		
<b>UN number</b>	3480	
<b>UN proper shipping name</b>	LITHIUM ION BATTERIES (including lithium ion battery)	
<b>Transport hazard class(es)</b>	IMDG Class	9
	IMDG Subrisk	Not Applicable
<b>Packing group</b>	Not Applicable	
<b>Environmental hazard</b>	Not Applicable	
<b>Special precautions for user</b>	EMS Number	F-A , S-I
	Special provisions	188 230 310 348 376 377 384 387
	Limited Quantities	0
<b>Transport in bulk according to Annex II of MARPOL and the IBC code</b>		
Not Applicable		
<b>Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code</b>		
<b>Product name</b>	<b>Group</b>	
lithium cobaltate	Not Applicable	
graphite	Not Applicable	
ethylene carbonate	Not Applicable	
propylene carbonate	Not Applicable	
diethyl carbonate	Not Applicable	
aluminium	Not Applicable	
copper	Not Applicable	
lithium fluorophosphate	Not Applicable	
vinylidene fluoride homopolymer	Not Applicable	



## **SECTION 15 Regulatory information**

### **Safety, health and environmental regulations / legislation specific for the substance or mixture**

#### **Lithium iron phosphate is found on the following regulatory lists**

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
 Australian Inventory of Industrial Chemicals (AIIC)  
 Chemical Footprint Project - Chemicals of High Concern List  
 International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs  
 International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

#### **Graphite is found on the following regulatory lists**

Australian Inventory of Industrial Chemicals (AIIC)

#### **Lithium hexafluorophosphate is found on the following regulatory lists**

Australian Inventory of Industrial Chemicals (AIIC)

#### **Aluminium is found on the following regulatory lists**

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
 Australian Inventory of Industrial Chemicals (AIIC)

#### **Copper is found on the following regulatory lists**

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -Schedule 4  
 Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -Schedule 5  
 Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) -Schedule 6  
 Australian Inventory of Industrial Chemicals (AIIC)

#### **High molecular polymer is found on the following regulatory lists**

Australian Inventory of Industrial Chemicals (AIIC)

#### **Nickel is found on the following regulatory lists**

Australian Inventory of Industrial Chemicals (AIIC)

#### **Iron is found on the following regulatory lists**

Australian Inventory of Industrial Chemicals (AIIC)



## **SECTION 16 Other information**

### **Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

### **Definitions and abbreviations**

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit.  
IDLH: Immediately Dangerous to Life or Health Concentrations  
ES: Exposure Standard  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index  
AIIIC: Australian Inventory of Industrial Chemicals  
DSL: Domestic Substances List  
NDSL: Non-Domestic Substances List  
IECSC: Inventory of Existing Chemical Substance in China  
EINECS: European INventory of Existing Commercial chemical Substances  
ELINCS: European List of Notified Chemical Substances  
NLP: No-Longer Polymers  
ENCS: Existing and New Chemical Substances Inventory  
KECI: Korea Existing Chemicals Inventory  
NZIoC: New Zealand Inventory of Chemicals  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
TSCA: Toxic Substances Control Act  
TCSI: Taiwan Chemical Substance Inventory  
INSQ: Inventario Nacional de Sustancias Químicas  
NCI: National Chemical Inventory  
FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

\*\*\*\*\*End of SDS\*\*\*\*\*