# SAFETY DATA SHEET

Section 1. Chemical Produc	et and Company Identification
Products Name	Lithium-ion Battery
Mode/Type reference	NBP2 18V 9.0Ah 162Wh
Nominal Voltage	18V
Typical Capacity	9.0Ah
Typical Power	162Wh
Manufacture Name	Zhejiang VALUE Mechanical & Electrical Products CO.,LTD
Address	jiulong Avenue, Western Industrial District, Wenling, Zhejiang, China
Postcode	317500
Emergency Telephone No.	0576-86992913
Technical Support Telephone No.	0576-86992919
Fax	0576-86992919
E-mail	tong.haoqi@worldvalue.cn
SDS Code	VALUE-SDS003
Date Prepared	2019-12-16

## **Section 2. Hazards Identification**

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) this product is an article which is a sealed battery and as such does not require an MSDS per the OSHA hazard communication standard unless ruptured. The hazards indicated are for a ruptured battery.

Skin corrosion/irritation	Category 4
Serious eye damage/eye	Category4
Skin sensitization	Category3
Carcinogenicity	Category5
Specific target organ toxicity (repeated exposure)	Category3

## GHS Label elements, including precautionary statements **Emergency Overview**

Signal word: Danger **Hazard Statements** Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

May cause cancer



**Test Equipment** 5 Commonwealth Ave **Depot** Woburn, MA 01801 Phone 781-665-1400 Toll Free 1-800-517-8431









This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold.

Intended use of the product should not result in exposure to the chemical substance This is a battery. In case of rupture: the above hazards exist.

Appearance Gray	Physical State Solid	Odor Odorless		
	Obtain special instructions before use			
	Do not handle until all safety precautions have	e been read and understood		
<b>D</b> (1)	Use personal protective equipment as require	ed		
Precautionary	Wash face, hands and any exposed skin tho	oughly after handling		
Statements -	Contaminated work clothing should not be al	owed out of the workplace		
Prevention	Wear protective gloves			
	Do not breathe dust/fume/gas/mist/vapors/sp	ray		
	Do not eat, drink or smoke when using this p	roduct		
	IF exposed or concerned: Get medical advice	e/attention		
	Specific treatment (see supplemental first aid	instructions on this label)		
Dunantianam	IF IN EYES: Rinse cautiously with water for s	everal minutes. Remove contact		
Precautionary	lenses, if present and easy to do. Continue ri	nsing If eye irritation persists: Get		
Statements -	medical advice/attention			
Response	IF ON SKIN: Wash with plenty of soap and w	ater		
	Take off contaminated clothing and wash bet	ore reuse		
	If skin irritation or rash occurs: Get medical a	dvice/attention		
Precautionary				
Statements -	Store locked up			
Storage				
Precautionary				
Statements -	Dispose of contents/container to an approved waste disposal plant			
Disposal				
Hazards not				
otherwise	Not applicable			
classified	The applicable			
(HNOC)				
Unknown				
Toxicity				
Other	May be harmful if swallowed Very toxic to aq	• •		
information	Repeated or prolonged skin contact may cau	se allergic reactions with susceptible		
	persons			
Interactions				
with Other	No information available.			
Chemicals				

# Section 3. Composition/Information on Ingredients

Chemical Name	CAS Number	Weight-%	Trade Secret
	12190-79-3		
Lithium transition metal oxidate	12057-17-9	20~60%	
	182442-95-1		
Aluminium	7429-90-5	1~10 %	
Conhon	7782-42-5	10~30 %	
Carbon	7440-44-0		
Copper	7440-50-8	1~15%	
Organic electrolyte principally		5%~25%	
involves ester carbonate			
Iron	7439-89-6	1~30%	

<sup>(\*)</sup> Main ingredients: Lithium hexafluorophosphate, organic carbonates.

## **Section 4. First Aid Measures**

Section 4. First	Aid Measures		
	First aid is upon rupture of sealed battery.		
	Eye contact: If symptoms persist, call a physician. Rinse immediately with plenty of		
	water, also under the eyelids, for at least 15 minutes. Keep eye wide open while		
	rinsing. Remove contact lenses, if present and easy to do.		
	Continue rinsing. Do not rub affected area.		
	Skin contact: Wash off immediately with soap and plenty of water for at least 15		
	minutes. In the case of skin irritation or allergic reactions see a physician. May cause		
General Advice	an allergic skin reaction.		
Gonoral Atavioo	Inhalation: Remove to fresh air. If symptoms persist, call a physician. Get medical		
	attention immediately if symptoms occur.		
	Ingestion: Do NOT induce vomiting. Rinse mouth immediately and drink plenty of		
	water. Never give anything by mouth to an unconscious person.		
	Call a physician.		
	Self-protection of the first aider: Avoid contact with skin, eyes or clothing. Use		
	personal protective equipment as required. Wear personal protective		
	clothing (see section 8).		
Most important			
symptoms and	Most important symptoms and effects: Itching. Coughing and/ or wheezing.		
effects, both acute	most important symptoms and effects. Iteming. Coughing and/ or wheezing.		
and delayed			
Indication of any	<b>Notes to Physician:</b> Treat symptomatically. May cause sensitization of susceptible persons.		
immediate medical			
attention and	porsons.		
special treatment			

# Section 5. Fire Fighting Measures

needed

Suitable	Use extinguishing measures that are appropriate to local circumstances and the		
extinguishing Media	surrounding environment.		
Unsuitable CAUTION: Use of water spray when fighting fire may be inefficient.			

<sup>\*</sup> The exact percentage (concentration) of composition has been withheld as a trade secret.

Extinguishing Media	
Specific Hazards	
arising from the	Product is or contains a sensitizer. May cause sensitization by skin contact.
chemical	
Hazardous	
Combustion	Carbon oxides.
Products	
Evalecies Data	Sensitivity to Mechanical Impact: No.
Explosion Data	Sensitivity to Static Discharge: No.
Protective	
Equipment	As in any fire, wear self-contained breathing apparatus pressure-demand,
and precautions for	MSHA/NIOSH (approved or equivalent) and full protective gear.
firefighters	

# Section 6. Accidental Release Measures

Personal Precautions,	Personal Precautions: Avoid contact with skin, eyes or clothing. Ensure adequate		
protective equipment,	ventilation. Use personal protective equipment as required. Evacuate personnel to		
and emergency	safe areas.		
procedures	Other Information: Refer to protective measures listed in Sections 7 and 8.		
Environmental	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or		
Precautions	spillage if safe to do so.		
Methods and material for containment and cleaning up	Methods for Containment: Prevent further leakage or spillage if safe to do so.  Methods for cleaning up: Pick up and transfer to properly labeled containers.		

# Section 7 – Handling and Storage

Precautions for safe handling	<b>Handling:</b> In case of rupture. Use personal protection equipment. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.	
Conditions for safe storage, including any	Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.	
incompatibilities	Incompatible Products: Strong acids. Strong oxidizing agents. Strong bases.	

# Section 8. Exposure Controls/Personal Protection

## **Control parameters**

**Exposure Guidelines** 

Exposu Guidelir		ACGIH TLV	OSHA PEL	NIOSH IDLH
Lithium	Cobalt			
Oxide		TWA: 0.02 mg/m <sup>3</sup>		
(CoLiO2)		TWA: 0.02 mg/m <sup>2</sup>		<del></del>
12190-79-3				
		TWA:0.2mg/m <sup>3</sup>	TWA:0.1mg/m³ fume	IDLH:100mg/m³dust,fume
Copper		fume	TWA:1mg/m³ dust and mist	and mist
7440-50-8		TWA:1mg/m³ Cu	(vacated) TWA:0.1g/m³ Cu	TWA:1 mg/m <sup>3</sup> dust and mist
		dust and mist	dust,fume,mist	TWA: 0.1 mg/m <sup>3</sup> fume

Aluminum 7429-90-5	TWA:1mg/m³ respirale frcation	TWA:15mg/m³ total dust TWA:5mg/m³ respirable fraction(vacated) TWA:15mg/m³ total dust(vacated) TWA:5mg/m³ respirable fraction(vacated)	TWA:10 mg/m³ total dust TWA:5mg/m³ respirable dust
		TWA:5mg/m³ AL Aluminum	
Graphite 7782-42-5	TWA:2mg/m³ Respirable fraction all forms except graphite fibers	TWA:15mg/m³ total dust synthetic TWA:5mg/m³ respirable fraction synthetic TWA:2.5mg/m³ respirable dust natural(vacated) TWA:10mg/m³ total dust synthtic	8

\*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

### **Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

<b>Engineering Controls</b>	Keep away from heat and open flame.		
Ventilation	Not necessary under conditions of normal use. In case of abuse, use adequate mechanical ventilation (local exhaust) for the battery that vent gas or fumes.		
Respiratory Protection	Not necessary under conditions of normal use. If battery is burning, leave the area immediately. During fire fighting fireman should use self-contained breathing, full-face respiratory equipment. Fires may be fought but only from safe fire fighting distance, evacuate all persons from the area of fire immediately.		
Eye Protection	Not necessary under conditions of normal use. Use safety glasses with side shields if handling a leaking or ruptured battery.		
<b>Body Protection</b>	Not necessary under conditions of normal use. Use rubber apron and protective working in case of handling a leaking of ruptured battery.		
Protective Gloves	Not necessary under conditions of normal use. Use chemical resistant rubber gloves if handling a leaking or ruptured battery.		
Others  Use good chemical hygiene practice. Wash hands thoroughly after cleaning-up a battery spill caused by leaking battery. No eating, drinking, or smoking in battery storage area.			

# Section 9. Physical and Chemical Properties

## Information on basic physical and chemical properties

State	No data available
Colour	No data available
Odor	No data available
Odor Threshold	No data available
рН	No data available
Melting / freezing point	No data available
Boiling point / boiling range	No data available
Flash Point	No data available

Evapore	ation Data		No data available		
Evaporation Rate		\			
Flammability (solid, gas)		<u>,                                      </u>	No data available		
Explosion Lin		n air)	No data available		
	pressure		No data available		
•	density		No data available		
· · · · · · · · · · · · · · · · · · ·	c Gravity		No data available		
	Solubility		No data available		
Solubility in			No data available		
Partition coefficie			0.0001		
Autoignition	temperati	ıre	130℃		
Decomposition	on tempera	ture	No data available		
Kinemati	c viscosity		No data available		
Dynamic	viscosity		0.0001		
Explosive	properties	3	No data available		
Oxidizing	Properties	3	No data available		
Other Information					
Softeni	ng Point		No data available		
VOC Content (%)			No data available		
Partic	le Size		No data available		
Particle Siz	e Distributi	on	No data available		
Section 10. Sta	bility a	and React	tivity		
Stability	Stable				
<b>Conditions to Avoid</b>	Do not he	eat, throw into	fire, disassemble, short circuit, immerse in water or overcharge, etc.		
Incompatibility	None during normal operation. Avoid exposure heat, open flame and corrosives.				
Hazardous					
Polymerization	Hazardo	us polymerizat	tion does not occur.		
Hazardous Decomposition Products	The battery may release irritative gas once the electrolyte leakage.				
Section 11. To	xicolog	ical Infor	rmation		
Information on likely	routes of	exposure			
Due level 1	4:	Product does	s not present an acute toxicity hazard based on known or		
Product Informa	ition		plied information. In case of rupture:.		
Inhalation Specific test data for the substance or mixture is not available. May caus irritation of respiratory tract.			data for the substance or mixture is not available. May cause		
l Iri		יייוומנוטוו טו ופ	ophatory tract.		

Specific test data for the substance or mixture is not available. Expected to be

Specific test data for the substance or mixture is not available. Expected to be

an irritant based on components. Irritating to skin. Prolonged contact may

an irritant based on components. Irritating to eyes. May cause redness,

itching, and pain. May cause temporary eye irritation.

**Eye Contact** 

**Skin Contact** 

	cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Component Information	
Information on toxicological effects	<b>Symptoms:</b> Erythema (skin redness). May cause redness and tearing of the eyes. Itching. Rashes. Hives.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Sensitization: May cause sensitization of susceptible persons. May cause sensitization by skin contact.  Mutagenic Effects: No information available.  Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA
Lithium Cobalt				
Oxide (CoLiO2)	A3	Group 2B		X
12190-79-3				

## ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

## IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

## OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X – Present

Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT – repeated exposure	Causes damage to organs through prolonged or repeated exposure. Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from chronic or repeated exposure. (STOT RE).
Chronic Toxicity	Contains a known or suspected carcinogen. Avoid repeated exposure.  Prolonged exposure may cause chronic effects. May cause adverse liver effects.
Target Organ Effects	Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Central Vascular System (CVS).Kidney. Liver. Lungs. Heart.
Aspiration Hazard	No information available.

### **Numerical measures of toxicity Product Information**

The values which are on the	
right are calculated based on	ATEmix (oral)
chapter 3.1 of the GHS	ATEmix (dermal)
document.	ATEmix (inhalation-dust/mist)

## Section 12. Ecological Information

#### **Ecotoxicity**

Very toxic to aquatic life with long lasting effects

<b>Chemical Name</b>	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna
			Microorganisms	(Water flea)
Copper	96h EC50: 0.031 - 0.054	96h LC50: 0.0068 - 0.0156		48h EC50: = 0.03 mg/L
7440-50-8	mg/L (Pseudokirchneriella	mg/L (Pimephales promelas)		
	subcapitata) 72h EC50:	96h LC50: = 0.112 mg/L(Poecilia reticulata)		
	0.0426 - 0.0535 mg/L	96hLC50: = 0.3 mg/L (Cyprinus carpio)		
	(Pseudokirchneriella	96h LC50: = 0.8mg/L (Cyprinus carpio)		
	subcapitata)	96h LC50: = 1.25 mg/L(Lepomis macrochirus)		
		96h LC50: =0.052 mg/L (Oncorhynchus		
		mykiss)		
		96h LC50: = 0.2mg/L (Pimephales promelas)		
		96h LC50: < 0.3 mg/L (Pimephales promelas)		

Persistence and Degradability	No information available.	
Bioaccumulation	No information available	
Other adverse effects	No information available	

## Section 13. Disposal Considerations

#### Waste treatment methods

**Disposal methods:** This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

### California Hazardous Waste Codes 141

This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical Name	California Hazardous Waste
Lithium Cobalt Oxide (CoLiO2)	Toxic
12190-79-3	
Copper	Toxic
7440-50-8	
Aluminum	Ignitable powder
7429-90-5	

## Section 14. Transport Information

The Li-Ion battery as stated in Appendix are made in compliance to the requirements stated in the latest edition of the IATA Dangerous Goods Regulations Packing Instruction 965 section II such that they can be transported as a NOT RESTRICTED (non-hazardous/non-dangerous) goods. However, if those Li-Ion batteries are packed with or contained in an equipment, then it is the responsibility of the shipper to ensure that the consignment are packed in compliance to the latest edition of the IATA Dangerous Goods

Regulations section II of either Packing Instruction 966 or 967.

With regard to transport, the following regulations are cited and considered:

- The International Civil Aviation Organization (ICAO) Technical Instructions, Packing instruction 965 or 967, section II (2019 Edition).
- The International Air transport Association (IATA) Dangerous Goods Regulations, Packing instruction 965 or 966 or 967, section II (60th Edition, 2019).
- Special provision 188 of the International Maritime Dangerous Goods (IMDG) Code (Amendment 38-16 Edition).
- The US Hazardous Materials Regulation 49 CRF (Code of Federal Regulations), sections 173-185 Lithium batteries and cells.
- The UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria 38.3 Lithium batteries, Rev.6.

These products are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to all the applicable international and national governmental regulations, not limited to the above mentioned. We further certify that the enclosed products have been tested and fulfilled the requirements and conditions in accordance with UN Recommendations (T1 – T8) on the Transport of Dangerous Goods Model Regulations and the Manual of Tests and Criteria.

#### Test results of the UN Recommendation on the Transport of Dangerous Goods

Manua	Manual of Test and Criteria (38.3 Lithium battery)				
No.	Test items Test results Remark				
T1	Altitude simulation	Pass			
T2	Thermal test	Pass			
T3	Vibration	Pass			
T4	Shock	Pass			
T5	External short circuit	Pass			
T6	Impact / Crush	Pass			
T7	Overcharge	Pass			
T8	Forced discharge	Pass			

### Additional Requirements for air transport:

- 1. Cells and batteries must be protected so as to prevent short circuits. This includes protection against contact with conductive materials within the same packaging that could lead to a short circuit.
- 2. Cells and batteries must be manufactured under a quality management program.
- 3. The Watt-hour rating must be marked on the outside of the battery case except those manufactured before 1 January 2009.
- 4. Cells and batteries must be packed in strong outer packagings. (applicable to PI 965 only)
- 5. Maximum number of cells per package must not be more than 8 cells. (applicable to PI 965 only)
- 6. Cells and batteries must be packed in inner packagings that completely enclose the cell or battery. To provide protection from damage or compression to the batteries, the inner packagings must be placed in a strong rigid outer packaging of one of the packaging types shown below.
- 7. Each package must be capable of withstanding a 1.2 m drop test in any orientation without (applicable to PI 965 only):
- damage to cells or batteries contained therein;
- shifting of the contents so as to allow battery to battery (or cell to cell) contact;
- release of contents.
- 8. Each consignment must be accompanied with a document with an indication that:
- the package contains lithium ion cells or batteries;

- the package must be handled with care and that a flammability hazard exists if the package is damaged;
- special procedures must be followed in the event the package is damaged, to include inspection and repacking if necessary; and a telephone number for additional information.
- 9. Each package must be labelled with a lithium battery handling label (Figure 7.4.H).
- 10. A Shipper's Declaration for Dangerous Goods is not required.
- 11. The words "Lithium ion batteries in compliance with Section II of PI 965" must be included on the air waybill, when an air waybill is used. The information should be shown in the "Nature and

Quantity of Goods" box of the air waybill. (applicable to PI 965 only)

- 12. Any person preparing or offering cells for transport must receive adequate instruction on these requirements commensurate with their responsibilities.
- 13. The equipment must be secured against movement within the outer packaging and must be equipped with an effective means of preventing accidental activation. (applicable to PI 966 only)
- 14. The maximum number of batteries in each package must be the minimum number required to power the equipment plus two spares. (applicable to PI 966 only)
- 15. The words "Lithium ion batteries in compliance with Section II of PI 966" must be included on the air waybill, when an air waybill is used. The information should be shown in the "Nature and Quantity of Goods" box of the air waybill. (applicable to PI 966 only).

## Section 15. Regulatory Information

#### **Law Information**

《California Proposition 65》

《Canadian Domestic Substances List/Non-Domestic Substances List》 (DSL/NDSL)

《Classification and code of dangerous goods》

《Code of Federal Regulations》(CFR)

《Consumer Product Safety Act》(CPSA)

《Dangerous Goods Regulation 56th Editon》

《Federal Environmental Pollution Control Act》(FEPCA)

《International Maritime Dangerous Goods 38-16 Editon》

《Occupational Safety and Health Act》 (OSHA)

《Recommendations on Transport of Dangerous Goods Model Regulations》

《Resource Conservation and Recovery Act》 (RCRA)

《Safety Drinking Water Act》 (CWA)

《Superfund Amendments and Reauthorization Act III(302/311/312/313)》 (SARA)

《Technical Instructions for the Safe Transport of Dangerous Goods》

《The Oil Pollution Act》 (OPA)

《Toxic Substances Control Act》 (TSCA)

《US Federal Regulations》

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 – Threshold Values %
Lithium Cobalt Oxide(LiCoO <sub>2</sub> )	12190-79-3	40%~44%	0.1
Copper Foil	7440-50-8	8%~11%	1.0
Aluminum Foil	<u>7429-90-5</u>	4%~6%	1.0

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA -Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA -Hazardous Substances
Copper Foil		~	~	
7440-50-8		^	^	

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Copper Foil	50001b		RQ 5000 lb final RQ
7440-50-8	300010		RQ 2270 kg final RQ

#### **U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Lithium Cobalt Dioxide	X		X	v	v
(LiCoO <sub>2</sub> ) 12190-79-3	Α		Λ	X	X
Graphite 7782-42-5	X	X	X		
Copper	X	X	X	v	v
7440-50-8	Α	Λ	Λ	X	X
Aluminum	v	v	v	v	
7429-90-5	X	X	X	X	

### **International Regulations**

#### Mexico

### **National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Copper Foil 7440-50-8		Mexico: TWA=1 mg/m <sup>3</sup>
		Mexico: TWA=0.2 mg/m <sup>3</sup>
		Mexico: STEL=2 mg/m <sup>3</sup>
Aluminum Foil <u>7429-90-5</u>		Mexico: TWA=10mg/m³
Graphite 7782-42-5		Mexico: TWA= 2 mg/m <sub>3</sub>

Mexico - Occupational Exposure Limits – Carcinogens

#### Canada

#### **WHMIS Hazard Class**

Non-controlled

Chemical Name	NPRI
Aluminum	X

In accordance with all Federal, State and local laws.

## Section 16. Other Information

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and
HMIS	Health Hazards 0	Flammability 0	Instability 0	Chemical Hazards -
ПИПЭ				Personal Protection X

**Revision Date: 2019-01-01** 

Revision Note: No information available

**Disclaimer** 

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

--- End of Safety Data Sheet---