SAFETY DATA SHEET REPORT

SDS Number: **70.405.23.0485.01**
Dated **2023-02-24**

PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Rechargeable Sealed Lead Acid Battery/Valve Regulated Lead Acid Battery/AGM
Company:	Power-Sonic Corporation
Address:	365 Cabela Dr. Suite 300 Reno, NV 89503
Telephone:	775-824-6500
Email:	puneet.kalia@power-sonic.com
Fax:	N/A
Emergency Phone:	1-800-222-1222
Recommend use of the chemical and restrictions on use:	Industrial and General Purpose battery. Power supply
SDS Number:	70.405.23.0485.01
Effective Date:	2023-02-24
Service Requested:	Safety Data Sheet for the Product
Summary:	The contents and format of this SDS are in accordance with Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations (According to HCS-2012 APPENDIX D TO §1910.1200)
Note:	This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

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Rechargeable Sealed Lead Acid Battery

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations (According to HCS-2012 APPENDIX D TO §1910.1200)
Issue date: 2/24/2023 Revision date: 2/24/2023 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Article
Trade name : Rechargeable Sealed Lead Acid Battery/Valve Regulated Lead Acid Battery/AGM
Model No. : PS/PHR/PDC/PG/PSH/PG2V/PGFT/PSS/AGM-FA Series

1.2. Recommended use and restrictions on use

Recommended use : Industrial and General Purpose battery. Power supply
Restrictions on use : No information available

1.3. Supplier

Power-Sonic Corporation
365 Cabela Dr. Suite 300 Reno, NV 89503
775-824-6500
puneet.kalia@power-sonic.com

1.4. Emergency telephone number

Emergency number : 1-800-222-1222

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Lead	CAS-No.: 7439-92-1	33 – 35

Name	Product identifier	%
lead compound	CAS-No.: /	33 – 35
Sulfuric acid	CAS-No.: 7664-93-9	16-23
2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene	CAS-No.: 9003-56-9	3-7
Glass fiber separator	CAS-No.: /	4-6
Tin	CAS-No.: 7440-31-5	0.1 – 0.25
Calcium	CAS-No.: 7440-70-2	0.04 – 0.11

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not an expected route of exposure.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Not an expected route of exposure.

First-aid measures after ingestion : Not an expected route of exposure. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

Unsuitable extinguishing media : No information available.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Cool down the containers exposed to heat with a water spray. Do not allow run-off from fire fighting to enter drains or water courses. Eliminate every possible source of ignition. Approach from upwind. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to a safe area. Avoid contact with skin and eyes.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Access forbidden to unauthorised personnel. Avoid contact with eyes, skin and clothing. Do not touch or walk on the spilled product. Eliminate all ignition sources if safe to do so. Ensure adequate ventilation, especially in confined areas. Evacuate personnel to a safe area. First aid personnel should wear appropriate protective equipment during any rescue. Handle in accordance with good industrial hygiene and safety procedures. In case of fire: stop leak if safe to do so. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Remove all sources of ignition. Remove person to uncontaminated area. Stay upwind/keep distance from source. Take action to prevent static discharges. Use personal protective equipment as required.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Mechanically recover the product. Absorb spillage to prevent material damage. Place in an appropriate container and dispose of the contaminated material at a licensed site. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Collect all waste in suitable and labelled containers and dispose according to local legislation.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not open, destroy, or incinerate batteries because the battery may explode, break, or vent during these processes. Do not short-circuit the battery, overcharge, forced discharge or thrown into the fire. Do not squeeze the battery or immerse the battery in the solution. Avoid contact with eyes, skin and clothing. Do not breathe gas/fumes/vapour/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from heat and direct sunlight.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Avoid high temperatures. Keep away from heat and direct sunlight. Store in a dry, cool and well-ventilated place. Protect from moisture. Avoid shorting.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Rechargeable Sealed Lead Acid Battery
No additional information available

Lead (7439-92-1)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.05 mg/m³
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - ACGIH - Biological Exposure Indices	
BEI	200 µg/l Parameter: Lead - Medium: blood - Sampling time: not critical (Note: Persons applying this BEI are encouraged to counsel female workers of child-bearing age about the risk of delivering a child with a PbB (lead in blood level) over the current CDC reference value.)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	50 µg/m³
USA - IDLH - Occupational Exposure Limits	
IDLH	100 mg/m³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	0.05 mg/m³

Sulfuric acid (7664-93-9)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	0.2 mg/m³ (thoracic particulate matter)
ACGIH chemical category	Suspected Human Carcinogen contained in strong inorganic acid mists
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	1 mg/m³
USA - IDLH - Occupational Exposure Limits	
IDLH	15 mg/m³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	1 mg/m³

2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene (9003-56-9)
No additional information available

Tin (7440-31-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	2 mg/m³ (inhalable particulate matter)
USA - IDLH - Occupational Exposure Limits	
IDLH	100 mg/m³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	2 mg/m³

Calcium (7440-70-2)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Not required

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Grey/Blue/Black solid.
Colour	:	Grey/Blue/Black
Odour	:	No data available
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability (solid, gas)	:	Non flammable.
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Sulfuric acid (7664-93-9)	
LD50 oral rat	2140 mg/kg
LC50 Inhalation - Rat	0.375 mg/l/4h
ATE US (oral)	2140 mg/kg body weight
ATE US (vapors)	0.375 mg/l/4h
ATE US (dust, mist)	0.375 mg/l/4h

Tin (7440-31-5)	
LD50 oral rat	700 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	> 4.75 mg/l/4h
ATE US (oral)	700 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Lead (7439-92-1)	
IARC group	2A - Probably carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
In OSHA Hazard Communication Carcinogen list	Yes

Sulfuric acid (7664-93-9)	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified
Viscosity, kinematic : Not applicable

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Lead (7439-92-1)	
LC50 - Fish [1]	0.44 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])
EC50 - Crustacea [1]	600 µg/l (Exposure time: 48 h - Species: water flea)
LC50 - Fish [2]	1.17 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])

Sulfuric acid (7664-93-9)	
LC50 - Fish [1]	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Sulfuric acid (7664-93-9)	
BCF - Fish [1]	(no bioaccumulation)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. Destroy the product by incineration (in accordance with local and national regulations).

Contaminated packaging : Dispose of contents/container in accordance with licensed collector's sorting instructions. Destroy packaging by incineration at an approved waste disposal site. In accordance with local and national regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

DOT NA No : UN2800
UN-No. (TDG) : UN2800
UN-No. (IMDG) : 2800
UN-No. (IATA) : 2800

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Batteries, wet, non-spillable
Proper Shipping Name (TDG) : BATTERIES, WET, NON-SPILLABLE
Proper Shipping Name (IMDG) : BATTERIES, WET, NON-SPILLABLE
Proper Shipping Name (IATA) : Batteries, wet, non-spillable

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 8
Hazard labels (DOT) : 8

TDG

Transport hazard class(es) (TDG) : 8
Hazard labels (TDG) : 8

IMDG

Transport hazard class(es) (IMDG) : 8
Hazard labels (IMDG) : 8

IATA

Transport hazard class(es) (IATA) : 8

Hazard labels (IATA) : 8

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

UN-No.(DOT) : UN2800
DOT Packaging Exceptions (49 CFR 173.xxx) : 159a
DOT Packaging Non Bulk (49 CFR 173.xxx) : 159
DOT Packaging Bulk (49 CFR 173.xxx) : 159
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : No Limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No Limit
DOT Vessel Stowage Location : A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

TDG

UN-No. (TDG) : UN2800
TDG Special Provisions : 39 - (1) These dangerous goods may be handled, offered for transport or transported under this shipping name if the dangerous goods are
(a) protected from short circuits; and
(b) capable of withstanding, without leakage of battery fluid, the following tests:
(i) a vibration test, in which
(A) the battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8 mm (1.6 mm maximum total excursion) is applied,
(B) the frequency is varied in steps of 1 Hz each minute between the limits of 10 Hz and 55 Hz,
(C) the entire range of frequencies and return is traversed in 95 ± 5 minutes with 2 minutes spent at each frequency for each mounting position (direction of vibration) of the battery, and
(D) the battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods, and
(ii) after the vibration test, a pressure differential test, in which
(A) the battery is stored for 6 hours at 24°C ± 4°C while subjected to a pressure differential greater than or equal to 88 kPa, and
(B) the battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least 6 hours in each position.
(2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to UN2800, BATTERIES, WET, NON-SPILLABLE, electric storage, that are not intended for disposal, if
(a) at a temperature of 55°C, electrolyte will not flow from a ruptured or cracked battery case and there is no free liquid to flow; and
(b) when the battery is prepared for transport, the battery’s terminals are protected from short circuits.
Explosive Limit and Limited Quantity Index : 1 L
Excepted quantities (TDG) : E0

Emergency Response Guide (ERG) Number : 154

IMDG

Special provision (IMDG) : 238
Limited quantities (IMDG) : 1 L
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P003
Packing provisions (IMDG) : PP16
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG) : A
Properties and observations (IMDG) : Metal plates immersed in gelled alkaline or acid electrolyte in a glass, hard rubber or plastics receptacle of a non-spillable type. When electrically charged, may cause fire through short-circuiting of terminals. Cause burns to skin, eyes and mucous membranes.

IATA

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Forbidden
PCA limited quantity max net quantity (IATA) : Forbidden
PCA packing instructions (IATA) : 872
PCA max net quantity (IATA) : No limit
CAO packing instructions (IATA) : 872
CAO max net quantity (IATA) : No limit
Special provision (IATA) : A48, A67, A164, A183
ERG code (IATA) : 8L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Lead	7439-92-1	Present	Active	
Sulfuric acid	7664-93-9	Present	Active	
2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene	9003-56-9	Present	Active	XU
Tin	7440-31-5	Present	Active	
Calcium	7440-70-2	Present	Active	

Lead (7439-92-1)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	10 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

Sulfuric acid (7664-93-9)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb

Sulfuric acid (7664-93-9)	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb
Section 302 EPCRA Reportable Quantity (RQ)	1000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb

15.2. International regulations

CANADA

Lead (7439-92-1)	
Listed on the Canadian DSL (Domestic Substances List)	
Toxic Substance (CEPA – Schedule I)	Yes

Sulfuric acid (7664-93-9)
Listed on the Canadian DSL (Domestic Substances List)

2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene (9003-56-9)
Listed on the Canadian DSL (Domestic Substances List)

Tin (7440-31-5)
Listed on the Canadian DSL (Domestic Substances List)

Calcium (7440-70-2)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Lead (7439-92-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Sulfuric acid (7664-93-9)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Tin (7440-31-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Calcium (7440-70-2)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Lead (7439-92-1)

Listed on IARC (International Agency for Research on Cancer)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Sulfuric acid (7664-93-9)

Listed on IARC (International Agency for Research on Cancer)
Listed as carcinogen on NTP (National Toxicology Program)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Japanese Poisonous and Deleterious Substances Control Law
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene (9003-56-9)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Tin (7440-31-5)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Calcium (7440-70-2)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

15.3. US State regulations

Lead (7439-92-1)					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	Yes	Yes	Yes	15 µg/day (oral)	0.5 µg/day

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations (According to HCS-2012 APPENDIX D TO §1910.1200)

Issue date : 2/24/2023
Revision date : 2/24/2023
Data sources : Loli. ECHA reference.
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Abbreviations and acronyms	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

Abbreviations and acronyms	
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Indication of changes:
Not applicable.

Safety Data Sheet (SDS), USA

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.