# SAFETY DATA SHEET

Issuing Date 25-Aug-2022 Revision Date 11-Jan-2021 Revision Number 1

NGHS / English

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## 1. IDENTIFICATION

**Product identifier** 

Product Name Lead Acid Battery (Non-Spillable)

Other means of identification

Product Code(s) 1619154

Recommended use of the chemical and restrictions on use

Recommended Use Lead Acid (Non-Spillable) Battery

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification UL - WS IFS

Address 23 British American Blvd

Floor 2 Latham NY 12110 US

Telephone Phone:518-720-6220

E-mail mx2ashes@gmail.com

Emergency telephone number

Company Emergency Phone 623-606-1408

Number

## 2. HAZARDS IDENTIFICATION

#### Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4



Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 1A
Reproductive toxicity	Category 1A
Effects on or via lactation	Yes
Specific target organ toxicity (repeated exposure)	Category 1

This is a battery. In case of rupture: the above hazards exist.

Appearance No data available

Physical state Solid

Odor No data available

### GHS Label elements, including precautionary statements

#### **Danger**

#### **Hazard statements**

Harmful if swallowed

Harmful if inhaled

Causes severe skin burns and eye damage

May cause cancer

May damage fertility or the unborn child

May cause harm to breast-fed children

Causes damage to organs through prolonged or repeated exposure



#### **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Do not breathe dust/fume/gas/mist/vapors/spray

Avoid contact during pregnancy/while nursing

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

## **Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

Specific treatment (see supplemental first aid instructions on this label)

## Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician

#### Skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell

Immediately call a POISON CENTER or doctor/physician

#### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell



Rinse mouth

Do NOT induce vomiting

#### **Precautionary Statements - Storage**

Store locked up

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

Very toxic to aquatic life with long lasting effects.

#### Unknown acute toxicity

7 % of the mixture consists of ingredient(s) of unknown toxicity

7 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

7 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Supplier Trade Secret	-	50 - 60%	-	-
Supplier Trade Secret	-	20 - 30%	-	-
Supplier Trade Secret	-	10 - 20%	-	_

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

## 4. FIRST AID MEASURES

#### Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is

required. IF exposed or concerned: Get medical advice/attention. First aid is upon rupture of

sealed battery. In case of rupture:

**Inhalation** Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical

attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical

advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present

and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Skin contact**Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. Get immediate medical advice/attention.



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**Ingestion** Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.

Never give anything by mouth to an unconscious person. Get immediate medical

advice/attention.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take precautions to

protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid breathing dust/fume/gas/mist/vapors/spray. Use personal protective equipment as

required. See section 8 for more information.

Most important symptoms and effects, both acute and delayed

**Symptoms** Burning sensation. Coughing and/ or wheezing. Difficulty in breathing.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated.

Possible perforation of stomach or esophagus should be investigated. Do not give

Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood

pressure may occur with moist rales, frothy sputum, and high pulse pressure.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media**Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the Th

chemical

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition

can lead to release of irritating gases and vapors.

Hazardous Combustion Products Carbon oxides.

**Explosion Data** 

**Sensitivity to Mechanical Impact** None. **Sensitivity to Static Discharge** None.

Special protective equipment for

fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate

ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid generation of dust. Do not

breathe dust.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

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.

#### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid generation of dust. In case of rupture:

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store away from other materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### **Exposure Limits**

Chemical name		ACGIH TLV		ACGIH TLV OSHA PEL			NIOSH IDLH
Supplier Trade Secre	et	TWA: 0.05 mg/m <sup>3</sup>		TWA	4: 50 μg/m³		IDLH: 100 mg/m <sup>3</sup>
				Action Leve			TWA: 0.050 mg/m <sup>3</sup>
				29 CF	R 1910.1025		
Supplier Trade Secre	et	TWA: 0.05 mg/m <sup>3</sup> Pb			50 μg/m <sup>3</sup> Pb		IDLH: 100 mg/m³ Pb
				Action Le	vel: 30 µg/m³ Pb	T۱	WA: 0.050 mg/m <sup>3</sup> Pb
				See 29 CFR 1910.1025			-
Supplier Trade Secre	et	TWA: 0.2 mg/m³ thoracic TWA: 1 mg/m³		A: 1 mg/m <sup>3</sup>		IDLH: 15 mg/m <sup>3</sup>	
		particulate n	rticulate matter (vacated) TWA: 1 mg/m <sup>3</sup>			TWA: 1 mg/m <sup>3</sup>	
Chemical name		Alberta	British C	Columbia	Ontario TWAE	V	Quebec
Supplier Trade Secret	T۱	NA: 0.05 mg/m <sup>3</sup>	TWA: 0.0	05 mg/m <sup>3</sup>	TWA: 0.05 mg/i	m³	TWA: 0.05 mg/m <sup>3</sup>
							-
Supplier Trade Secret	T۱	NA: 0.05 mg/m <sup>3</sup>	TWA: 0.0	05 mg/m <sup>3</sup>	TWA: 0.05 mg/i	$m^3$	TWA: 0.05 mg/m <sup>3</sup>
				-			-
Supplier Trade Secret	-	ΓWA: 1 mg/m <sup>3</sup>	TWA: 0.	2 mg/m <sup>3</sup>	TWA: 0.2 mg/n	$n_3$	TWA: 1 mg/m <sup>3</sup>
	5	STEL: 3 mg/m <sup>3</sup>					STEL: 3 mg/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). See section 15 for national exposure control parameters.

Appropriate engineering controls

**Engineering controls** 

Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Face protection shield.



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**Hand protection** Wear suitable gloves. Impervious gloves.

**Skin and body protection** Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

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.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid breathing

None known

dust/fume/gas/mist/vapors/spray.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Solid

AppearanceNo data availableOdorNo data availableColorNo information availableOdor ThresholdNo data available

Property Values Remarks Method

Hq 2 No data available None known Melting / freezing point No data available Boiling point / boiling range None known Flash Point No data available None known **Evaporation Rate** No data available None known Flammability (solid, gas) No data available None known

Upper flammability limit No data available Lower flammability limit No data available

Vapor pressureNo data availableNone knownVapor densityNo data availableNone knownRelative densityNo data availableNone known

Water Solubility Insoluble in water Solubility(ies) No data available

Solubility(ies) No data available None known

Partition coefficient: n-octanol/water0

Autoignition temperatureNo data availableNone knownDecomposition temperatureNo data availableNone knownKinematic viscosityNo data availableNone knownDynamic viscosityNo data availableNone known

Other Information

Flammability Limit in Air

**Explosive properties** No information available **Oxidizing properties** No information available **Softening Point** No information available Molecular Weight No information available **VOC Content (%)** No information available No information available **Liquid Density Bulk Density** No information available **Particle Size** No information available **Particle Size Distribution** No information available



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#### 10. STABILITY AND REACTIVITY

**Reactivity** No information available.

Chemical stability Stable under normal conditions.

Possibility of Hazardous Reactions None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to avoid** Exposure to air or moisture over prolonged periods. Excessive heat.

**Incompatible materials** Acids. Bases. Oxidizing agent.

Hazardous Decomposition Products Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

In case of rupture:

**Inhalation** Specific test data for the substance or mixture is not available. Corrosive by inhalation.

(based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs.

Pulmonary edema can be fatal. Harmful by inhalation.

**Eye contact** Specific test data for the substance or mixture is not available. Causes burns. (based on

components). Corrosive to the eyes and may cause severe damage including blindness.

Causes serious eye damage. May cause irreversible damage to eyes.

**Skin contact** Specific test data for the substance or mixture is not available. Corrosive. (based on

components). Causes burns.

**Ingestion** Specific test data for the substance or mixture is not available. Causes burns. (based on

components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung

damage if swallowed. May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Coughing and/ or wheezing.

Numerical measures of toxicity

**Acute toxicity** 

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 607.70 mg/kg
ATEmix (inhalation-gas) 5,696.20 ppm
ATEmix (inhalation-dust/mist) 1.111 mg/L
ATEmix (inhalation-vapor) 13.90 mg/L



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#### Unknown acute toxicity

7 % of the mixture consists of ingredient(s) of unknown toxicity

7 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

7 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

7 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Product Information**

**Component Information** 

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	= 2140 mg/kg (Rat)	•	= 0.375 mg/L (Rat) 4 h

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes burns.

Serious eye damage/eye irritation Classification based on data available for ingredients. Risk of serious damage to eyes.

Causes burns.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	А3	Group 2A	Reasonably Anticipated	X
Supplier Trade Secret	А3	Group 2A	Reasonably Anticipated	Х
Supplier Trade Secret	A2	Group 1	Known	Х

#### Leaend

#### **ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

## IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

## **NTP (National Toxicology Program)**

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

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

X - Present

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available

for ingredients. May damage fertility or the unborn child. May cause harm to breastfed

babies.

**STOT - single exposure** No information available.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** No information available.



## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** 

Very toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Supplier Trade Secret	No data available	96h LC50: = 0.44 mg/L	No data available	48h EC50: = 600 μg/L
		(Cyprinus carpio)		(water flea)
		96h LC50: = 1.17 mg/L		
		(Oncorhynchus mykiss)		
		96h LC50: = 1.32 mg/L		
		(Oncorhynchus mykiss)		
Supplier Trade Secret	No data available	96h LC50: > 500 mg/L	No data available	No data available
1		(Brachydanio rerio)		

Persistence and Degradability No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

Other adverse effects No information available.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

US EPA Waste Number D002 D008

California Waste Codes 792

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

Chemical name	California Hazardous Waste	
Supplier Trade Secret	Toxic	
Supplier Trade Secret	Toxic Corrosive	

## 14. TRANSPORT INFORMATION

DOT NOT REGULATED Proper Shipping Name NON-REGULATED

Hazard Class N/A
Emergency Response Guide 154

Number



TDG Not applicable

Proper Shipping Name NON REGULATED

Hazard Class N/A

MEX Not applicable

ICAO Not applicable

IATA Not applicable

Proper Shipping Name NON REGULATED

Hazard Class N/A

IMDG/IMO Not applicable

Hazard Class N/A EmS-No. F-A, S-B

RID Not applicable

ADR Not applicable

ADN Not applicable

## 15. REGULATORY INFORMATION

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

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

**International Inventories** 

TSCA

Contact supplier for inventory compliance status.

KECL

Contact supplier for inventory compliance status.

<u>Legend</u>

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## 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



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		Values %
Supplier Trade Secret -	50 - 60%	0.1
Supplier Trade Secret -	20 - 30%	0.1
Supplier Trade Secret -	10 - 20%	1.0

## SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

<u>CWA (Clean Water Act)</u>
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
Supplier Trade Secret		Х	Х	
Supplier Trade Secret		Х		
Supplier Trade Secret	1000 lb			Х

## **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) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Supplier Trade Secret	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Supplier Trade Secret	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

## **US State Regulations**

## **California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65		
Supplier Trade Secret -	Carcinogen		
	Developmental		
	Female Reproductive		
	Male Reproductive		
Supplier Trade Secret -	Carcinogen		
	Developmental		
	Female Reproductive		
	Male Reproductive		
Supplier Trade Secret -	Carcinogen		

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

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	Х	X	Х	Х	Х
Supplier Trade Secret	Х	X	Х	Х	Х



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Supplier Trade Secret X X X X X

# 16. OTHER INFORMATION

NFPA Health hazards 1 Flammability 0 Instability 0 Physical and Chemical

Properties -

HMIS Health hazards 0 Flammability 0 Physical hazards 0 Personal Protection X

Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110 1-800-572-6501

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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** 

