

Battery Corrosion Guard

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : Battery Corrosion Guard

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

Use of the substance/mixture : Corrosion inhibitor

1.3. Details of the supplier of the safety data sheet

BCG Enterprizes LLC
P.O. Box #51
Nine Mile Falls, WA 99026

1.4. Emergency telephone number

Emergency number : 509-496-2306

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Asp. Tox. 1 H304

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H304 - May be fatal if swallowed and enters airways

Precautionary statements (GHS-US) :

P301+P310 - If swallowed: Immediately call a poison center/doctor
P331 - Do NOT induce vomiting
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Proprietary Component 1	(CAS No) Trade Secret	50 - 55	Not classified
Proprietary Component 2	(CAS No) Trade Secret	40 - 45	Not classified
Proprietary Component 3	(CAS No) Trade Secret	1 - 5	Not classified
Proprietary Component 4	(CAS No) Trade Secret	1 - 5	Not classified
Proprietary Component 5	(CAS No) Trade Secret	<1	Repr. 1B, H360
Proprietary Component 6	(CAS No) Trade Secret	<1	Not classified

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Aspiration into lungs can produce severe lung damage. Consult a physician.

First-aid measures after skin contact : Wash skin with soap and water. If symptoms persist, call a physician.

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First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

First-aid measures after ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

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

Symptoms/injuries after inhalation : Aspiration into lungs can produce severe lung damage.

Symptoms/injuries after skin contact : May cause irritation.

Symptoms/injuries after eye contact : May cause irritation.

Symptoms/injuries after ingestion : May be harmful if swallowed. Potential for aspiration if swallowed.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.

Explosion hazard : None known.

5.3. Advice for firefighters

Protection during firefighting : As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Dike to collect large liquid spills. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep tightly closed in a dry and cool place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Proprietary Component 5 (Trade Secret)		
ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³ (inhalable fraction)
ACGIH	ACGIH STEL (mg/m ³)	6 mg/m ³ (inhalable fraction)

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8.2. Exposure controls

Appropriate engineering controls	: Local exhaust and general ventilation must be adequate to meet exposure standards.
Hand protection	: Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.
Eye protection	: Safety glasses with side shields.
Skin and body protection	: Wear suitable working clothes.
Respiratory protection	: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous, translucent.
Color	: Golden brown
Odor	: Sweet, pungent, burnt, fish
Odor threshold	: No data available
pH	: Not determined
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: Negligible
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Oxides of carbon, hydrocarbons, formaldehyde.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Proprietary Component 5 (Trade Secret)	
LD50 oral rat	3493 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
ATE US (oral)	3493.000 mg/kg body weight

Proprietary Component 4 (Trade Secret)	
LD50 oral rat	10000 mg/kg
LD50 dermal rabbit	> 3600 mg/kg

Proprietary Component 3 (Trade Secret)	
LD50 oral rat	4220 mg/kg
ATE US (oral)	4220.000 mg/kg

Proprietary Component 1 (Trade Secret)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	2.18 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

Reproductive toxicity : A component in this product is known to interfere with sperm production, damage the testes and interfere with male fertility when given to animals by mouth at high doses. It also produces developmental effects, including reduced body weight, malformations and death, in the offspring of pregnant animals given the component by mouth. The above mentioned animal studies were conducted under exposure conditions leading to doses many times in excess of those that could occur through product use or inhalation of dust in occupational settings. Moreover, a human study of occupational exposure to these dusts showed no adverse effect on fertility.

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Proprietary Component 3 (Trade Secret)	
LC50 fish 1	8250 - 9000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	2350 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Proprietary Component 1 (Trade Secret)	
LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

Proprietary Component 5 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component 6 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component 4 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component 3 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component 2 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Proprietary Component 1 (Trade Secret)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations

Proprietary Component 5 (Trade Secret)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

Asp. Tox. 1	Aspiration hazard Category 1
Repr. 1B	Reproductive toxicity Category 1B
H304	May be fatal if swallowed and enters airways
H360	May damage fertility or the unborn child

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