

**ENERGY**

BOLT

SDS**1651**

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT TRADE NAME: Bolt

Chemical Family: Acid Detergent- Descaler

Formula: Proprietary

Product #: 1651

Date of Issue: 5/11/21

Supplier:

C K ENTERPRISES, INC.**1992 NW 50 HWY****Lone Jack, Missouri 64070****(816) 524-1304****EMERGENCY CONTACT:****CHEMTREC - 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION II - HAZARDOUS IDENTIFICATION

DANGER!**Health Hazards**

Acute Toxicity; Inhalation

Skin Corrosion/Irritation

Serious eye damage/ eye irritation

Category 3

Category 1

Category 1

Precautionary Statements:

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

-Wash hands thoroughly after handling.

-Use only outdoors or in a well-ventilated area

-Wear protective gloves/protective clothing/eye protection/face protection.

-IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed.

-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.

-Wash contaminated clothing before reuse.

-Store locked up.

Dispose of in accordance with all Federal, State and Local regulations.

HMIS Code:

HEALTH HAZARD	2
FIRE HAZARD	0
REACTIVITY	1
SPECIFIC HAZARD	

Hazard Statements:

-Causes severe skin burns and eye damage

-Toxic if inhaled

Potential Acute Effects:

Eyes-may cause severe eye irritation or burns

Skin-may cause dryness and irritation or burns on skin

Inhalation- may cause headaches dizziness or nausea

Ingestion- may cause severe irritation and gastrointestinal damage

SECTION III - COMPOSITION INFORMATION

Name of Hazardous Ingredients	CAS Number	% by Weight
Sulfuric Acid	7664-93-9	1-5%
Phosphoric Acid	7664-38-2	5-10%
Glycolic Acid	79-14-1	1-5%
Dodecyl Benzenesulfonic Acid	68584-22-5	1-5%

SECTION IV - FIRST AID MEASURES

Emergency First Aid Procedures:**IN EYES:** Flush immediately with clean water for 15 minutes.

Get medical attention if discomfort persists.

ON SKIN: Flush all skin contact areas with water for 15 minutes.

Use a mild soap. Seek medical attention if discomfort persists.

INHALATION: Avoid excessive contact with mist. Remove

person to fresh air. Begin CPR if breathing has stopped, and

seek medical attention immediately.

INGESTION: Seek immediate medical attention. Dilute by giving two glasses of water to drink. Do not give if unconscious. Do not induce vomiting. Call local poison control center.

SECTION V - FIREFIGHTING MEASURES

Flash Point (Method Used): N/A**Flammable Limits:** LEL: N/A UEL: N/A**Extinguishing Media:** Water, fog, foam dry chemical, sand, earth satisfactory**Special Fire Fighting Procedures:** N/A**Hazardous Combustion Products:** None**C K Enterprises, Inc.**

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Released or Spilled: All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken In Handling and Storage: Keep container tightly closed when not in use. Do not store in areas of high temperature. Do not store in area of oxidizing/reducing agents.

Other Precautions: **KEEP OUT OF THE REACH OF CHILDREN.** Follow directions on the product label. Take the necessary safety precautions to protect your health.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sulfuric Acid	1mg/m ³	1mg/m ³		0.2mg/m ³
Phosphoric Acid	1mg/m ³	1mg/m ³		1mg/m ³

- **Respiratory Protection:** N/A
- **Ventilation:** Ventilation recommended to control mist. Use in a well-ventilated area.
- **Protective Gloves:** Rubber or neoprene gloves are recommended when handling the concentrated material.
- **Eye Protection:** Safety glasses or chemical splash goggles are recommended
- **Other Protective Equipment:** Rubber aprons should be worn as protection to the body while handling this product.
- **Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >212°F
Specific Gravity (Water = 1): 1.09-1.11
Vapor Pressure: N/A
Vapor Density (Air = 1): N/A
Evaporation Rate (Water = 1): N/A
Solubility in Water: Complete
pH @ 100% solution: 0.0-1.0
Appearance/Odor: Red liquid;

SECTION X - STABILITY AND REACTIVITY

Stability Data: Stable

Incompatibility: Strong oxidizing agents, alkali, sodium hypochlorite

Hazardous Decomposition Products: Do not mix with bleach products, may emit toxic mustard gas.

Hazardous Polymerization: Will not occur

SECTION XI - TOXICOLOGICAL INFORMATION

Routes of Entry Dermal, Oral, and Inhalation
Symptoms Possible corrosion
Skin Irritant Yes
Eye Irritant Yes
Sensitizers Not determined

Mutagenicity No reported mutagenic effects on humans
Carcinogenicity Sulfuric acid: Group 1 Carcinogen to humans (IARC)(mist form)
Reproductive Sulfuric acid: may cause adverse effects based on animal data
Target Organs None
Aspiration Hazards None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate (ATE) using the additive formula has been determined.

Test	Results	Basis
Dermal	23,184 mg/kg	ATE determined beyond Category 4
Oral	4,851 mg/kg	ATE determined beyond Category 4
Inhalation	6.9 mg/l	ATE determined Category 3

SECTION XII - ECOLOGICAL INFORMATION

No ecological information available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION XIV - TRANSPORT INFORMATION

UN Number Proper Shipping: UN3264, Acidic, Inorganic, n.o.s (contains Sulfuric Acid and Phosphoric Acid), **Corrosive Liquid**
Name: Bolt
Classes: 8
Packaging Group: PGII
Label Code: Corrosive

SECTION XV - REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS # 7664-93-9
Chemical Name: Sulfuric Acid
Percent by Weight: 5-10%

The following substances have CERCLA reportable quantity values (in pounds):

Phosphoric Acid	7664-38-2	5,000
Sulfuric Acid	7664-93-9	1,000

SECTION XVI - OTHER INFORMATION

Date Issued: 5/11/2021 **Supersedes:** 12/28/2017

This information must be included in all Safety Data Sheets that are copied and distributed for this material.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.