

Section 1 ~ Identification

Identity (As Used On Label and List) B5063 BLUE LIGHTNING	Date Prepared: 05-06-2023
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

GHS-US Classifications Skin Corr. 1A Causes severe skin burns and eye damage
Eye Dam. 1 Causes serious eye damage

GHS-US Labeling

Hazardous Pictogram (GHS-US)



Signal Word(GHS-US): Danger.

Hazard Statement (GHS-US)

Causes severe skin burns and eye damage. Causes serious eye damage

Precautionary Statement (GHS-US)

Do not breathe dust, fume, vapors. Wash hands thoroughly after handling. Wear eye protection, protective gloves. **If swallowed:** rinse mouth. Do NOT induce vomiting. **If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Specific treatment (see First Aid measures on this label). Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to an approved waste disposal plant

Other Hazards

No additional information available

Unknown Acute Toxicity (GHS US)

Not applicable

Section 3 ~ Composition/Information on Ingredients

Substance: None

Mixture Name	Product Identifier/CAS No.	%(Wt.)	GHS-US Classification
Caustic Soda	1310-73-2	96.04 – 97.02	Met. Corr. 1, H290 Skin Corr. 1A, H314

Full text of H-Statements: See section 16

Section 4 ~ First Aid Measures

First-Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-Aid Measures After Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

First-Aid Measures After Skin Contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

First-Aid Measures After Eye Contact: 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.

First-Aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries After Skin Contact: Caustic burns/corrosion of the skin.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Indication of Any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically.

Section 5 ~ Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media: Do not use a heavy water stream.

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: No data available on direct explosion hazard.

Reactivity: Corrosive vapors.

Advice for Firefighters

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

Section 7 ~ Handling and Storage

Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust, fume, vapors. Avoid contact during pregnancy/while nursing.

Hygiene Measures: Wash hands thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container closed when not in use.

Incompatible Products: Strong bases. Strong acids.

Incompatible Materials: Sources of ignition. Direct sunlight.

Section 8 ~ Exposure Controls/Personal Protection

Control parameters

Caustic Soda (1310-73-2)

ACGIH	ACGIH Ceiling (mg/m3)	2 mg/m3
ACGIH	Remark (ACGIH)	URT, eye, & skin irr
OSHA	OSHA PEL (TWA) (mg/m3)	2mg/m3

Personal Protective Equipment: Safety glasses. Gloves.



Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or face shield.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Wear appropriate mask.

Other Information: Do not eat, drink or smoke during use.

Section 9 ~ Physical Chemical Properties

Physical State: Solid	Flash Point: No data available	Relative Vapor Density at 20°C: No data available
Color: White	Relative Evaporation Rate (butylacetate=1): No data available	Solubility: No data available
Odor: characteristic	Flammability (solid, gas): No data available	Log Pow: No data available
Odor Threshold: No data available	Explosive Limits: No data available	Auto-Ignition Temperature: No data available
pH: No data available	Explosive Properties: No data available	Decomposition Temperature: No data available
Melting Point: No data available	Oxidizing Properties: No data available	Viscosity: No data available
Freezing Point: No data available	Vapor Pressure: No data available	Viscosity, Kinematic: No data available
Boiling Point: No data available	Relative Density: No data available	Viscosity, Dynamic: No data available

Other Information: No additional information available.

Section 10 ~ Stability and Reactivity

Reactivity: Corrosive vapors.

Chemical Stability: Not established.

Possibility of Hazardous Reactions: Not established.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible Materials: Strong acids. Strong bases.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Thermal decomposition generates: Corrosive vapors.

Section 11 ~ Toxicological Information

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (single exposure): Not classified

Specific Target Organ Toxicity (repeated exposure): Not classified

Aspiration Hazard: Not classified

Potential Adverse Human Health Effects and Symptoms: Based on available data, the classification criteria are not met.

Symptoms/Injuries After Skin Contact: Caustic burns/corrosion of the skin.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Section 12 ~ Ecological Information

Toxicity: No additional information available

Persistence and Degradability

Blue Lightning (1310-73-2)
Persistence and Degradability: Not Established

Caustic Soda (1310-73-2)
Persistence and Degradability: Not Established

Bioaccumulative Potential

Blue Lightning (1310-73-2)
Bioaccumulative Potential: Not Established

Caustic Soda (1310-73-2)
Bioaccumulative Potential: Not Established

Mobility in Soil: No additional information available

Other Adverse Effects

Effect on the Global Warming: No known ecological damage caused by this product.

Other Information: Avoid release to the environment.

Section 13 ~ Disposal Considerations

Waste Treatment Methods

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to an approved waste disposal plant.

Ecology - Waste Materials: Avoid release to the environment.

Section 14 ~ Transport Information

Department of Transportation (DOT)

In Accordance with DOT Transport Document Description: UN1823 Sodium hydroxide, solid, 8, II

UN-No.(DOT): UN1823

Proper Shipping Name (DOT): Sodium hydroxide, solid

Transport Hazard Class(es) (DOT): 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard Labels (DOT): 8 - Corrosive. LTD QTY - Limited quantity

Packing Group (DOT): II - Medium Danger

DOT Packaging Bulk (49 CFR 173.xxx): 240

DOT Packaging Exceptions (49 CFR 173.xxx): 154

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27): 15 kg

DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75): 50 kg

DOT Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other: 52 - Stow "separated from" acids

Other Information: No supplementary information available.

TDG: No additional information available

Transport by Sea
UN-No. (IMDG): 1823
Proper Shipping Name (IMDG): SODIUM HYDROXIDE, SOLID
Class (IMDG): 8 - Corrosive substances
Packing Group (IMDG): II - substances presenting medium danger

Air Transport
UN-No. (IATA): 1823
Proper Shipping Name (IATA): Sodium hydroxide, solid
Class (IATA): 8 - Corrosives
Packing Group (IATA): II - Medium Danger

DOT



Section 15 ~ Regulatory Information

US Federal Regulations

Blue Lightning (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory. Not subject to reporting requirements of the United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) 1000 lb

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Caustic Soda (1310-73-2)

Not subject to reporting requirements of the United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) 1000 lb

International Regulations

CANADA: No additional information available

EU-Regulations: No additional information available

National Regulations: No additional information available

US State Regulations

Blue Lightning (1310-73-2)

State or Local Regulations

U.S. - Massachusetts - Right to Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

Caustic Soda (1310-73-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

Section 16 ~ Other Information

Full text of H-statements:

Eye Dam. 1 Serious eye damage/eye irritation, Category 1

Skin Corr. 1A Skin corrosion/irritation, Category 1A

H314 Causes severe skin burns and eye damage

Met. Corr. 1 Corrosive to metals, Category 1

H290 May be corrosive to metals

H318 Causes serious eye damage

	NFPA	HMIS	Key
HEALTH	3	3	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	1	1	2= Moderate
OTHER/PROTECTION	-	B	1= Slight 0= Minimal

B= Safety Glasses, Gloves

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