

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) B5186 CANNON POWDER	Date Prepared: 04-26-2023
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

Classifications

Health Hazards

Skin Corrosion, Category 1A
 Serious Eye Damage, Category 1
 This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

GHS Label Elements



Corrosive

Signal Word: DANGER

Hazard Statement

H314: Causes severe skin burns and eye damage.
 H333: May be harmful if inhaled.

Precautionary Statement

Prevention

P234: Keep only in original container.
 P260: Do not breathe dust/fume/gas/mist/vapors/spray.
 P264: Wash face, hands and any exposed skin thoroughly after handling.
 P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/physician.

Storage

P405: Store locked up.

Disposal

P501: Dispose of contents/container to an approved waste disposal plant.

Section 3 ~ Composition/Information on Ingredients

Chemical Name	CAS No.	Wt. (%)
Sodium Hydroxide	1310-73-2	< 65

Section 4 ~ First Aid Measures

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Skin: Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a POISON CENTER or doctor / physician. Remove and wash contaminated clothing before re-use.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Section 5 ~ Fire Fighting Measures

Flammable Class: Product does not burn.

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Sensitive to Static Discharge: NA = Not Applicable

Sensitivity to Impact: NA = Not Applicable

Section 6 ~ Accidental Release Measures

General Procedures: No action should be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate, put on appropriate personal protective equipment.

Release Notes: Take Steps to avoid release into the environment, if safe to do so.

Special Protective Equipment: Avoid breathing vapors and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

Section 7 ~ Handling and Storage

Handling: Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 ~ Exposure Controls/Personal Protection

Exposure Limits:

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name	EXPOSURE LIMITS			
	OSHA PEL		Supplier OEL	
	ppm	mg/m3	ppm	mg/m3
Sodium Hydroxide	TWA STEL	2	NL NL	NL NL

Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep workers exposure to airborne contaminants below any recommended or statutory limits.

Personal Protective Equipment

Eyes and Face: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist or dust. Recommended: splash goggles with the use of any liquid products.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Work Hygienic Practices: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Other Use Precautions: Facilities storing or utilizing this material or any chemical should be equipped with an eyewash and safety shower. Always wash thoroughly after handling.

Section 9 ~ Physical and Chemical Properties

Physical State: Solid / Beads	Autoignition Temperature: NA = Not Applicable	Pour Point: NA = Not Applicable
Odor: Fragranced	Vapor Pressure: Not Available	Solubility in Water: Complete
Appearance: Colored Pearls	Vapor Density: Not Available	Evaporation Rate: Not Available
pH: 13 to 14	Boiling Point: NA = Not Applicable	Density: Not Available
Flash Point and Method: NA = Not Applicable	Freezing Point: NA = Not Applicable	Specific Gravity: Not Available
Flammable Limits: NA = Not Applicable	Melting Point: 318°C (604°F) lit	

Section 10 ~ Stability and Reactivity

Stable: Yes
Hazardous Polymerization: No
Stability: Stable under recommended storage conditions.
Polymerization: None
Conditions to Avoid: Not Available
Possibility of Hazardous Reactions: Not Available
Hazardous Decomposition Products: Not Available
Incompatible Materials: Strong oxidizing agents, Strong acids, Organic materials

Section 11 ~ Toxicological Information

Eye Effects: Causes serious eye irritation.
Skin Effects: Causes severe skin burns.
Chronic: Not Available
Subchronic: Not Available
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.
Repeated Dose Effects: Not Available
Sensitization: Will not occur.
Neurotoxicity: Not Available
Genetic Effects: Not Available
Reproductive Effects: Not Available
Target Organs: Not Available
Mutagenicity: Not Available
Synergistic Materials: Not Available

Section 12 ~ Ecological Information

General Comments: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

Section 13 ~ Disposal Considerations

Disposal Method: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Empty Container: Do not re-use empty containers.

Section 14 ~ Transportation Information

DOT (Department of Transportation)
Proper Shipping Name: Corrosive Solids, N.O.S.
Technical Name: (Contains: Sodium Hydroxide)
Primary Hazard Class/Division: 8
UN/NA Number: UN1759
Packing Group: II
Reportable Quantity (RQ) Under CERCLA: 1000 lbs
Label: Corrosive
Other Shipping Information: All products offered for domestic ground transportation that meet the following exceptions for Class 8 (Corrosive Materials) will be packaged and shipped as "Limited Qty".
 (1) For Corrosive Materials in Packing Group II, inner packaging not over 1.0 L (0.3 Gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.
 (2) For Corrosive Materials in Packing Group III, inner packaging not over 5.0 L (1.3 Gallons) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

Section 15 ~ Regulatory Information

United States
Sara Title III (Superfund Amendments And Reauthorization Act)
311/312 Hazard Categories: Acute Health Hazard
Fire: No **Pressure Generating:** No **Reactivity:** No **Acute:** Yes **Chronic:** No
313 Reportable Ingredients: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	< 65	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sodium Hydroxide	1310-73-2

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any reproductive harm.
Clean Water Act: Sodium Hydroxide

Section 16 ~ Other Information

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

0= Minimal

Disclaimer: Omega Industrial Supply, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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.