

Material Safety Data Sheet (MSDS)

Section 1: Chemical Product and Company Identification	
Product Name	Benzohydroxamic acid
CAS Number	495-18-1
Chemical Formula	C ₇ H ₇ NO ₂
Company Name	CAMACHEM (Part of CAMAL Group) 3F Jinlong East Beijing Station Road Chaoyang District, Beijing, China
Contact	sales@camachem.com
Company Website	www.camachem.com
Section 2: Composition and Information on Ingredients	
Name	Benzohydroxamic acid
CAS #	495-18-1
% by Weight	>95
Section 3: Hazards Identification	
Classification:	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Signal Word:	Warning.
Hazard Statements:	Causes skin irritation Causes serious eye irritation May cause respiratory irritation Suspected of causing genetic defects
Response:	IF exposed or concerned: Get medical attention/advice
Section 4: First Aid Measures	
General advice:	If symptoms persist, call a physician.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact:	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Section 5: Fire and Explosion Data	
Suitable extinguishing media:	Water spray, carbon dioxide (CO ₂), dry chemical, alcohol-resistant foam.
Special hazards arising from the substance or mixture:	Keep product and empty container away from heat and sources of ignition.
Hazardous Combustion Products:	Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrogen oxides (NO _x).
Protective Equipment and Precautions for Firefighters:	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	
Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.
Environmental Precautions:	Should not be released into the environment. See Section 12 for additional Ecological Information.
Methods and materials for containment and cleaning up:	Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.
Section 7: Handling and Storage	
Precautions for safe handling:	Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed in a dry, cool and well-ventilated place.
Section 8: Exposure Controls/Personal Protection	
Exposure Guidelines:	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures:	Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.
Eye/face protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin and body protection:	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection:	No protective equipment is needed under normal use conditions.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.
Section 9: Physical and Chemical Properties	
Physical state and appearance:	Yellow-orange Solid
Odour:	Odorless
Odour Threshold:	No information available.
PH:	No information available.
Melting point/freezing point:	126.00 - 130.00 °C / 258.8 - 266 °F
Initial boiling point and boiling range:	No information available.
Flash point:	No information available.
Evaporation rate:	No information available.
Flammability (solid, gas):	No information available.
Upper/lower flammability or explosive limits:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Relative density:	No information available.
Water solubility:	Insoluble in water
Partition coefficient:	No information available.
Auto-ignition temperature:	No information available.
Viscosity:	No information available.
Explosive properties:	No information available.
Oxidizing properties:	No information available.
Section 10: Stability and Reactivity Data	
Reactivity:	None known, based on information available.
Stability:	Stable under normal conditions.
Conditions to avoid:	Incompatible products. Excess heat. Avoid dust formation.
Incompatibility with various substances:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x).
Section 11: Toxicological Information	

Acute toxicity:	No information available.
Toxicity to Animals:	No information available.
Serious eye damage/eye irritation:	No information available.
Other Toxic Effects on Humans:	No information available.
Respiratory or skin sensitisation:	No information available.
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen.
Reproductive toxicity:	No information available.
Specific target organ toxicity - single exposure:	No information available.
Specific target organ toxicity - repeated exposure:	No information available.
Aspiration hazard:	No information available.
The toxicological properties have not been fully investigated.	
Section 12: Ecological Information	
Toxicity:	Do not empty into drains.
Persistence and degradability:	No information available.
Bioaccumulative potential:	No information available.
Mobility in soil:	No information available.
Results of PBT and vPvB assessment:	No information available.
Other adverse effects:	No information available.
Section 13: Disposal Considerations	
Waste Disposal Methods:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
Section 14: Transport Information	
DOT (US):	Not regulated.
IMDG:	Not regulated.
IATA:	Not regulated.
Section 15: Other Regulatory Information	
SARA 302 Components:	Not applicable.
SARA 313 Components:	Not applicable.
SARA 311/312 Hazards:	See section 2 for more information.
Massachusetts Right To Know Components:	Not applicable.
California Prop. 65 Components:	Not applicable.

Section 16: Other Information

References:	None.
Other Special Considerations:	None.
Created:	11/01/2021 9:27 AM
Last Updated:	11/01/2021 9:57 AM

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