



HCS CLASS: Oxidizer

Protective Clothing



Section I. Chemical Product and Company Identification

Common Name/ Trade Name	PROCAP BR	Revision Date: November 23, 2009
Supplier	FRITZ INDUSTRIES, INC. 500 SAM HOUSTON ROAD MESQUITE, TX 75149 (972) 285-5471 (800) 955-1323	In Case of Emergency. (800) 424-9300 Week Days: (972) 285-5471 (800) 955-1323
Chemical Family	Bromate salt (oxidizing agent)	
Material Uses	Delayed Release Oil Well Additive	

Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Sodium Bromate	7789-38-0	≥70	Not available	Not available
Cured resin	Not available	≤30	Not available	Not available

Section III. Hazards Identification

Emergency overview Can cause burns and irritation to the skin, eyes and respiratory tract. It is an oxidizer that may release oxygen and promote the combustion of a flammable material. Avoid breathing dust. If airborne exposure is excessive, wear NIOSH/MSHA approved respirator.

Eyes May cause irritation or burning.

Skin May cause irritation.

Inhalation May cause irritation to the respiratory tract.

Ingestion Harmful if swallowed.

Notes to Physician Treat symptomatically and supportively

Section IV. First Aid Measures

Eye Contact Do not rub eyes. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention if irritation persists.

Skin Contact If the chemical got onto the clothed portion of the body, remove the contaminated clothes, and shower. If the chemical touches exposed skin, such as the hands: Gently and thoroughly wash contaminated skin with running water and non-abrasive soap. COLD water may be used. If irritation persists, seek medical attention.

Inhalation Immediately go to a well-ventilated area and rest. Seek immediate medical attention. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

Ingestion Remove material from mouth and rinse with water. Do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water. Seek immediate medical attention.

Section V. Fire and Explosion Data

Flammability of the Product This material is not considered flammable or combustible.

Explosion Hazards in Presence of Various Substances Has oxidizing properties that will cause it to burn vigorously and promote combustion of flammable materials.

Fire Fighting Media and Instructions WATER or WATER SPRAY ONLY! Use any means suitable for extinguishing surrounding fire. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece.

Section VI. Accidental Release Measures

Leak/Spill	Ventilate area of leak or spill. Clean-up personnel require goggles and MSHA/NIOSH respiratory protection for dust and organic vapors. Pick-up spill in a manner which does not create dust and place in a suitable container for reclamation or disposal in a method that does not generate dust.
Disposal	Whatever can not be saved for reclamation may be disposed by following local, state and federal regulations.

Section VII. Handling and Storage

Handling	Store in a cool dry place, keep away from heat. Keep away from sources of ignition. Keep away from combustible materials. Avoid breakage of the material. DO NOT breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as reducing agents, organic materials, metals, and moisture..
Storage	Oxidizing materials should be stored in a separate safety storage cabinet or room. Keep in a tightly closed container, stored in a dry, ventilated area. Product has a shelf life of twelve (12) months. Use a first in – first out storage system.

Section VIII. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Splash goggles. Dust mask or respirator is not necessary in areas with adequate ventilation. Be sure to use a MSHA/NIOSH approved respirator when ventilation is inadequate.
Personal Protection in Case of a Large Spill	A self-contained breathing apparatus should be used to avoid inhalation of the product.

Section IX. Physical and Chemical Properties

Physical state and Appearance	solid granules	odor: faint organic color: Off white
Specific gravity (H ₂ O=1)	2.50	
Solubility	partially soluble	

Section X. Stability and Reactivity Data

Stability	The product is stable under ordinary conditions of use and storage. This product becomes unstable in the presence of moisture and reducing agents. Don not mix with persulfate salts.
Incompatibility with various substances	Strong reducing agents, finely powdered metals, alcohol, metal sulfides and organic matter.
Special Remarks on Reactivity	Toxic fumes of bromides

Section XI. Toxicological Information

Routes of Entry	Eyes, Skin, Inhalation, and Ingestion.
Toxic Effects on Humans	Irritant in case of eye contact and inhalation. Irritant in case of skin contact and ingestion.
Special Remarks on other Toxic Effects on Humans	None

Section XII. Ecological Information

No information available.

Section XIII. Disposal Considerations

Waste Disposal	Whatever can not be saved for reclamation may be disposed by following local, state and federal regulations.
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Section XIV. Transport Information

DOT Hazard Class	5.1
DOT Shipping Name	Sodium Bromate
UN Number	1494
Packing Group	II
DOT (Pictograms)	



Section XV. Regulatory Information and Pictograms

US Regulations

TSCA Inventory Status (40 CFR 710)	All components are listed
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)	
SECTION 302 Extremely Hazardous Substances (40 CFR 355, Appendix a)	Immediate, fire
SECTION 311 HAZARD CATEGORIES (40 CFR 370)	Fire Hazard, Acute Health Hazard (nuisance dust)
SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370)	None
SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372)	None of the chemicals are reportable under Section 313
CERLA/Superfund Reportable Spill Quantity	None of the chemicals in this product have an RQ
RCRA Hazardous Waste Classification	

Canadian Regulations

WHMIS (Canada) Class C: oxidizing material
 Class D-2B: toxic

Ingredients Disclosure List Listed

International Regulations

Listings	Not available
EC Symbols	O (Oxidizer) Xi (Irritant)
Risk Phrases	R9- Explosive when mixed with combustible material. R36/38- Irritating to eyes, and skin.
Safety Phrases	S17- Keep away from combustible material. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. S37/39- Wear suitable gloves and eye/face protection

Pictograms

HMIS (U.S.A.)



National Fire Protection Association (U.S.A.)

Health

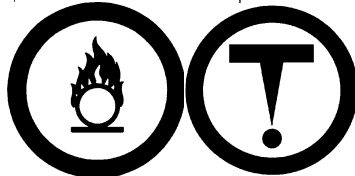


Fire Hazard

Reactivity

Specific Hazard

WHMIS (Canada)



Section XVI. Other Information

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