

PRODUCT SAFETY DATA SHEET

PRO
Chemical & Dye
Inc.
 P.O. Box 14
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 (508) 676-3838
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A. GENERAL INFORMATION

TRADE NAME (COMMON NAME) PRO Dye Activator		<input checked="" type="checkbox"/> C.A.S. NO.	<input type="checkbox"/> GENERAL PRODUCT CODE # 497-19-8
CHEMICAL NAME AND/OR SYNONYM Blended Alkali contains Sodium carbonate			
FORMULA Proprietary		MOLECULAR WEIGHT 105.99	
ADDRESS (No., STREET, CITY, STATE AND ZIP CODE) PRO CHEMICAL & DYE INC. P.O. Box 14 Somerset, MA 02726			
CONTACT Manager of Product Safety	PHONE NUMBER 508-676-3838	LAST ISSUE DATE July, 1990	CURRENT ISSUE DATE March, 1993

B. FIRST AID MEASURES

EMERGENCY PHONE NUMBER CHEMTREC: 800-424-9300	
Poison Control: 800-682-9211	
<p>SKIN: Wash with plenty of water.</p> <p>EYES: Flush with plenty of water for at least 15 minutes and get medical attention.</p> <p>INGESTION: Drink large quantities of water to dilute the material. Do not induce vomiting.</p> <p>INHALATION: Remove to fresh air. Get medical attention for irritation, ingestion or discomfort from inhalation.</p>	

C. HAZARDS INFORMATION

HEALTH	
INHALATION Inhalation of product dust may irritate nose, throat and lungs.	
INGESTION Although low in toxicity, ingestion can be harmful - consult a physician. May irritate mouth, esophagus, stomach, etc. LD ₅₀ (rat): 2.8 gm/kg. See reference (a).	
SKIN May cause skin irritation from prolonged contact.	
EYES May irritate or burn eyes.	
PERMISSIBLE CONCENTRATION: AIR (SEE SECTION J) None established.	BIOLOGICAL None.
UNUSUAL CHRONIC TOXICITY None known.	

C. HAZARDS (Cont.)**FIRE AND EXPLOSION**

FLASH POINT Not flammable <input type="checkbox"/> OPEN CUP <input type="checkbox"/> CLOSED CUP	AUTO IGNITION TEMPERATURE NA	FLAMMABLE LIMITS IN AIR (% BY VOL.) LOWER - NA UPPER - NA
UNUSUAL FIRE AND EXPLOSION HAZARDS None.		

D. PRECAUTIONS/PROCEDURES

FIRE EXTINGUISHING AGENTS RECOMMENDED NA
FIRE EXTINGUISHING AGENTS TO AVOID NA
SPECIAL FIRE FIGHTING PRECAUTIONS NA
VENTILATION Local exhaust if dusty condition prevails.
NORMAL HANDLING Avoid eye contact or prolonged skin contact. Avoid breathing dust. When dissolving, add to water cautiously and with stirring; solutions can get hot.
STORAGE Store in a cool, dry area away from acids. Prolonged storage may cause product to cake from atmospheric moisture.
SPILL OR LEAK (ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT - SECTION E) Shovel up dry chemical into an empty container with a cover. Flush residue with plenty of water. (See Section I for disposal methods).
SPECIAL PRECAUTIONS/PROCEDURES/LABEL INSTRUCTIONS Avoid simultaneous exposure to soda ash and lime dust. In the presence of moisture the two materials combine to form caustic soda (NaOH), which may cause burns.
SIGNAL WORD - WARNING!

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION Where required, use a respirator approved by NIOSH for product dusts.
EYES AND FACE Wear hard hat (or other head covering) and chemical safety goggles. Do not wear contact lenses.
HANDS, ARMS, AND BODY Wear long-sleeve shirt and trousers, and gloves for routine product use. Cotton gloves are sufficient for dry product; wear impervious gloves when handling solutions.
OTHER CLOTHING AND EQUIPMENT Eyewash is recommended.

F. PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS): <input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> GAS <input type="checkbox"/> _____		APPEARANCE AND ODOR White powder. Odorless.	
BOILING POINT ° C MELTING POINT 854 ° C	SPECIFIC GRAVITY (H ₂ O = 1) 2.533	VAPOR DENSITY (AIR = 1) NA	
SOLUBILITY IN WATER (% by Weight) 17% solution at 20 °C	pH 1% solution; pH = 11.3	VAPOR PRESSURE (mm Hg at 20 °C) <input type="checkbox"/> (PSIG) <input type="checkbox"/> NA	
EVAPORATION RATE (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) <input type="checkbox"/> NA	% VOLATILES BY VOLUME (At 20 °C) NA		

G. REACTIVITY DATA

STABILITY <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID None.
INCOMPATIBILITY (MATERIALS TO AVOID) Contact with acids will release carbon dioxide gas. When mixed with lime dust and water, corrosive caustic soda may be produced.	
HAZARDOUS DECOMPOSITION PRODUCTS See above	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID None.

H. HAZARDOUS INGREDIENTS (Mixtures Only)

MATERIAL OR COMPONENT / C.A.S. #	WT. %	HAZARD DATA (SEE SECT. J)
NA		

