

MATERIAL SAFETY DATA SHEET		Form Approved Bureau Budget No. 48-60338					
SECTION I	MANUFACTURER'S NAME AND FSCM (Federal Supply Code for Manufacturers)		EMERGENCY PHONE NO.				
	PRO Chemical & Dye		508 676-3838				
	ADDRESS (Number, Street, City, State, and Zip Code)						
	PO Box 14 Somerset, Ma. 02726						
	CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS				
Blended Alkalis		PRO Dye Activator					
CHEMICAL FAMILY		FORMULA					
Alkali		Proprietary					
FEDERAL STOCK NUMBER (FSN)		GRASS WEIGHT (LBS)	OUTSIDE PACKAGE DIMENSIONS (Inches)				
		Hopper cars and bags.					
MIL-STD-1341/NATIONAL FIRE PROTECTION ASSOCIATION STD 704M SIGNAL							
FLAMMABILITY		HEALTH	REACTIVITY				
0		0	0				
SPECIFIC HAZARD Alk.							
SECTION II - HAZARDOUS INGREDIENTS	PAINTS, PRESERVATIVES, AND SOLVENTS	%	THRESHOLD LIMIT VALUE (Units)	ALLOYS AND METALLIC COATINGS	%	THRESHOLD LIMIT VALUE (Units)	
	PIGMENTS		NA	BASE METAL		NA	
	CATALYST		NA	ALLOYS		NA	
	VEHICLE		NA	METALLIC COATINGS		NA	
	SOLVENTS		NA	FILLER METAL PLUS COATING OR CORE FLUX		NA	
	ADDITIVES		NA	OTHERS		NA	
	OTHERS		NA				
	HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, or GASES					%	THRESHOLD LIMIT VALUE (Units)
	NA						
SECTION III PHYSICAL DATA	BOILING POINT (°F)	Decomposes		SPECIFIC GRAVITY (H ₂ O = 1)		2.509	
	VAPOR PRESSURE (mmHg.)	N11		PERCENT VOLATILE BY VOLUME (%)		N11	
	VAPOR DENSITY (AIR=1)	N11		EVAPORATION RATE (_____ = 1)		N11	
	SOLUBILITY IN WATER	Appreciable					
APPEARANCE AND ODOR White granular solid - odorless.							
SECTION IV - FIRE AND EXPLOSION HAZARD DATA	FLASH POINT (Method Used)		FLAMMABLE LIMITS	LOWER EXPLOSIVE LIMIT	UPPER EXPLOSIVE UNIT		
	Non-combustible			Non-combustible	ible		
	EXTINGUISHING MEDIA		NA				
	SPECIAL FIRE FIGHTING PROCEDURES		NA				
UNUSUAL FIRE AND EXPLOSION HAZARDS		NA					

SECTION V HEALTH HAZARD DATA	THRESHOLD LIMIT VALUE		
	Unknown		
	EFFECTS OF OVEREXPOSURE		
	Slight irritation to eyes, skin and mucous membranes.		
SECTION VI REACTIVITY DATA	EMERGENCY AND FIRST AID PROCEDURES		
	Eyes: Irrigate with water for at least 15 minutes.		
	Skin: Wash with water.		
	Inhalation: Remove to fresh air.		
SECTION VII SPILL OR LEAK PROCEDURES	STABILITY	UNSTABLE	CONDITIONS TO AVOID
		STABLE	X
	INCOMPATIBILITY (Materials to Avoid)		
	Acids		
SECTION VIII SPECIAL PROTECTION INFORMATION	HAZARDOUS DECOMPOSITION PRODUCTS		
	CO ₂		
	HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
		WILL NOT OCCUR	X High humidity: causes caking.
SECTION IX SPECIAL PRECAUTIONS	STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED		
	For minor spills sweep up the material, transfer to a container and discard in general trash. Residue may be washed away with water.		
	WASTE DISPOSAL METHOD		
	No special handling is required. Residue quantities can be washed away with water. Empty containers may be incinerated or discarded as general trash.		
SECTION X TRANS. DATA	RESPIRATORY PROTECTION (Specify type)		
	VENTILATION	LOCAL EXHAUST	SPECIAL
	No	MECHANICAL (General)	OTHER
	PROTECTIVE GLOVES		EYE PROTECTION
General purpose		Chemical type goggles	
OTHER PROTECTIVE EQUIPMENT			
Full cover clothing			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING			
Store in dry area - avoid contact with acids			
No special handling procedure.			
OTHER PRECAUTIONS			
PROPER SHIPPING (Article) NAME		DOT CLASSIFICATION	
		Not required	
DOT LABEL	DOT MARKING	EMERGENCY ACCIDENT PRECAUTIONS AND PROCEDURES	
Not required			
DOT PLACARD	PRECAUTIONS TO BE TAKEN IN TRANSPORTATION		
NA	Keep dry		

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