

MATERIAL SAFETY DATA SHEET 000078

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME BUCKEYE FIRE EQUIPMENT COMPANY		EMERGENCY TELEPHONE NO. 704-739-7415
ADDRESS (Number, Street, City, State, and ZIP Code) 102 INDUSTRIAL DRIVE, KINGS MOUNTAIN, NORTH CAROLINA, 28086		
CHEMICAL NAME AND SYNONYMS Sodium Bicarbonate		TRADE NAME AND SYNONYMS Regular, BC, Soda Bicarbonate
CHEMICAL FAMILY	FORMULA	
	NaHCO₃	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	T (U)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	T (U)
Dry Chemical Fire Extinguishing Agent					
Classified as "Non-Hazardous" per definition					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	n.a.	SPECIFIC GRAVITY (H ₂ O=1)	0.95 ⁺
VAPOR PRESSURE (mm Hg.)	n.a.	PERCENT VOLATILE BY VOLUME (%)	-
VAPOR DENSITY (AIR=1)	n.a.	EVAPORATION RATE (_____ =1)	n.a.
SOLUBILITY IN WATER	-		-
APPEARANCE AND ODOR Water repellent powder. white			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	n.a.	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA	n.a.			
SPECIAL FIRE FIGHTING PROCEDURES	n.a.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	n.a.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unknown

EFFECTS OF OVEREXPOSURE

May cause minor skin irritation or respiratory irritation

EMERGENCY AND FIRST AID PROCEDURES

Cleanse thoroughly

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

Temperature greater than 120° F

INCOMPATIBILITY (Materials to avoid)

Reacts with acidic substances (e.g. ammonium phosphate-Base extinguishing agent)

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid breathing powder dust. Powder is slightly hygroscopic and corrosive; clean immediately after use. May be handled dry by sweeper, vacuum, air, etc.

WASTE DISPOSAL METHOD

and washed down with water.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

To avoid discomfort-respiratory, eye and surface protection may be worn.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in closed, moisture-free containers in a cool, dry location

OTHER PRECAUTIONS

Do not cross-contaminate with other extinguishing agents.