



MATERIAL SAFETY DATA SHEET

000077

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		TRADE NAME AND SYNONYMS
CHEMICAL FAMILY Carbon Dioxide	FORMULA CO₂	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV - (Unit)	ALLOYS AND METALLIC COATINGS	%	TLV (Unit)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHER Carbon Dioxide	100	9000			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Unit)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	n.a.	FLAMMABLE LIMITS	n.a.	Let	Uet
EXTINGUISHING MEDIA	Fire Extinguishing Agent				
SPECIAL FIRE FIGHTING PROCEDURES	n.a.				
UNUSUAL FIRE AND EXPLOSION HAZARDS	n.a.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE **9,000**

EFFECTS OF OVEREXPOSURE

Above 9% humans will quickly lose consciousness; at approximately 20% humans will die in about 20 - 30 minutes.

EMERGENCY AND FIRST AID PROCEDURES

Remove to a source of fresh air and provide artificial respiration

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

not applicable

WASTE DISPOSAL METHOD

not applicable

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

air supplied respirators

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES

EYE PROTECTION

not normally necessary

OTHER PROTECTIVE EQUIPMENT

not applicable

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

may cause freezing or frostbite if discharged on skin.

OTHER PRECAUTIONS