

## MATERIAL SAFETY DATA SHEET

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

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### SECTION I

MANUFACTURER'S NAME <b>Walter Kidde</b>		EMERGENCY TELEPHONE NO. <b>(919) 563-5911</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>1304 South Third Street, Mebane, NC 27302</b>		
CHEMICAL NAME AND SYNONYMS <b>Sodium Bicarbonate</b>		TRADE NAME AND SYNONYMS <b>Baking Soda</b>
CHEMICAL FAMILY <b>Alkali</b>	FORMULA <b>Na H CO<sub>3</sub></b>	

### SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	-		BASE METAL		
CATALYST	-		ALLOYS		
VEHICLE	-		METALLIC COATINGS		
SOLVENTS	-		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	-		OTHERS		
OTHERS			<b>Alkali</b>		<b>LD<sub>50</sub>: Oral-5g/kg., Dermal-None</b>
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				<b>None 0</b>	% TLV (Units)

### SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>None</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	
VAPOR PRESSURE (mm Hg.)	_____	PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	_____	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	<b>6.9@ 0°</b>		
APPEARANCE AND ODOR	<b>16.4@ 50°C</b>		

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<b>None</b>	FLAMMABLE LIMITS	<b>L<sub>1</sub></b>	<b>U<sub>1</sub></b>
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES	<b>None Required</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS	<b>None</b>			

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not Established

EFFECTS OF OVEREXPOSURE

Gross ingestion may produce alkalosis; however as a natural material in the body, it is well tolerated and normal.

EMERGENCY AND FIRST AID PROCEDURES

Gross ingestion ( $\frac{1}{2}$ -1 pound): give water followed by milk or diluted vinegar as an emetic. Natural body mechanisms exist for its excretion when given in large amounts.

### 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

X

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Sweep up dry and discard

WASTE DISPOSAL METHOD

Land Fill

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None required

VENTILATION

LOCAL EXHAUST For Nuisance Dust

SPECIAL Collect nuisance dust at

MECHANICAL (General)

OTHER discharge & transfer points.

PROTECTIVE GLOVES

None Required

EYE PROTECTION

None Required

OTHER PROTECTIVE EQUIPMENT

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING  
Store in cool, dry area. Do not store with acids.

OTHER PRECAUTIONS

None