

PHOENIX INDUSTRIES INC -- SODIUM CARBONATE, ANHYDROUS, TECHNICAL -- 6810-00-237-2906

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Product Identification
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Product ID:SODIUM CARBONATE, ANHYDROUS, TECHNICAL

MSDS Date:06/25/2000

FSC:6810

NIIN:00-237-2906

Status Code:A

MSDS Number: CKSVG

=== Responsible Party ===

Company Name:PHOENIX INDUSTRIES INC

Address:1519 CHAMBERLAYNE PARKWAY

City:RICHMOND

State:VA

ZIP:23222

Country:US

Info Phon

e Num:804-264-5183

Emergency Phone Num:804-264-5183

Chemtrec Ind/Phone:(800)424-9300

CAGE:0YED2

=== Contractor Identification ===

Company Name:PHOENIX INDUSTRIES INC

Address:1519 CHAMBERLAYNE PARKWAY

Box:City:RICHMOND

State:VA

ZIP:23222

Country:US

Phone:804-264-5183/FAX: 264-5535

Contract Num:SP0450-00-M-SH56

CAGE:0YED2

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Composition/Information on Ingredients
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Ingred Name:SODIUM CARBONATE

CAS:497-19-8

RTECS #:VZ4050000

= Wt:99.8

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Hazards Ident

ification =====

Health Hazards Acute and Chronic: EYE: DIRECT CONTACT CAUSES EYE IRRITATION. MAY RESULT IN CORNEAL INJURY. MAY CAUSE BLEPHARITIS (INFLAMMATION OF THE MARGINS OF THE EYELIDS). SKIN: CAUSES SKIN IRRITATION WITH CONTINUED EXPOSURE (DRY, RED, CRACKED SKIN). INGESTION: MAY CAUSE THERMAL BURNS/LESIONS OF MOUTH. MAY CAUSE DIGESTIVE TRACT BURNS. INHALATION: MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT AND MUCOUS MEMBRANES IF EXPOSED TO HIGH LEVELS OF AIRBORNE DUST. CHRONIC: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

Effects of Overexposure: EYE: MAY CAUSE BLEPHARITIS (INFLAMMATION OF THE MARGINS OF THE EYELIDS). SKIN: CAUSES (DRY, RED, CRACKED SKIN). INGESTION: MAY CAUSE THERMAL BURNS/LESIONS OF MOUTH. MAY CAUSE DIGESTIVE TRACT BURNS.

===== First Aid Measures =====

First Aid: EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASSIONALLY LIFTING THE UPPER & LOWER LIDS. GET MEDICAL AID IMMEDIATELY. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: RINSE MOUTH WITH WATER. DILUTE BY GIVING 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANY THING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL AID IMMEDIATELY. INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR. IF DISCOMFORT OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Extinguishing Media: WATER, WATER FOG, CARBON DIOXIDE, DRY CHEMICAL. IF HEATED TO DECOMPOSITION, PRODUCT EMITS FUMES OF SODIUM OXIDE. Fire Fighting Procedures: AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR.

===== Accidental Release Measures =====

Spill Release Procedure

res:USE PROPER PERSONAL EQUIPMENT AS INDICATED FOR CONCENTRATIONS OF HIGH DUST. SWEEP UP AND RECYCLE TO PROCESS IF CONTAMINATION DOES NOT PRESENT A PROBLEM. FLUSH LIQUIDS AND RESIDUES TO HOLDING AREA FOR NEUTRALIZATION BEFORE DISCHARGE.

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===== Handling and Storage =====

Handling and Storage Precautions:HANDLING-USE AIR CONVEYING/MECHANICAL SYSTEMS FOR BULK TRANSFER TO STORAGE. FOR MANUAL HANDLING OF BULK TRANSFER USE MECHANICAL VENTILATION TO REMOVE AIRBORNE DUST FROM RAILCAR, SHIP, OR TRUCK. USE AP PROVED RESPIRATORY PROTECTION WHEN VENTILATION SYSTEMS ARE NOT AVAILABLE.

Other Precautions:STORAGE-STORE IN A COOL, DRY AREA AWAY FROM ACIDS.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN 29 CFR 1910.134. ALWAYS USE A NIOSH-APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:USE PROCESS ENCLOSURE, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE DUST.

Protective Gloves:WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT SKIN EXPOSURE.

Eye Protection:WEAR APPROPRIATE PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

Supplemental Safety and Health

NOTE TO PHYSICIAN: WHILE INTERNAL TOXICITY IS LOW, IRRITANT EFFECTS OF HIGH CONCENTRATIONS MAY PRODUCE CORNEAL OPACITIES AND VESICULAR SKIN R

EACTION IN HUMANS WITH ABRADED SKIN ONLY. TREAT SYMPTOMATIC ALLY AND SUPPORTIVELY.

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===== Physical/Chemical Properties =====

HCC:B3

Boiling Pt:B.P. Text:DECOMPOSES

Spec Gravity:2.509

pH:11.4

Viscosity:NOT AVAILABLE

Solubility in Water:55.8 WT.% MAX.(WATER@20C)

Appearance and Odor:SOLID WHITE, GRANULAR POWDER. ODORLESS.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
REACTS WITH ACIDS WITH RELEASE OF

LARGE VOLUMES OF CARBON DIOXIDE GAS AND HEAT.

Stability Condition to Avoid:CONTACT WITH ACIDS EXCEPT UNDER CONTROLLED CONDITIONS.

Hazardous Decomposition Products:NONE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:EYE IRRITANT: SEVERE (RABBIT). SKIN CONTACT: NON-IRRITATING TO INTACT SKIN. MINOR IRRITATION TO ABRADED SKIN. NON-SENSITIZING. (TOXICOL. APPL. PHARMACOL. 31;481-490 (197

5). SKIN

ABSORPTION: NO DATA AVAILABLE. INHALATION: LC50=2.3 MG/L (RAT) - ENVIRON. RES. 31;138 (1983). INGESTION: LD50=4090 MG/KG (RAT) - RTECS 1985-6. NO INFORMATION AVAILABLE ON CARCINOGENICITY, TERATOGENICITY, OR MUTAGENICITY.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS. SALVAGE AS MUCH MATERIAL AS POSSIBLE AND RETURN TO PROCESS IF CONTAMINATION DOES NOT PRESENT A PROBLEM.

===== MSDS Transport Information =====

Transport Information:NOT REGULATED.

===== Other Information =====

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