

PHOENIX INDUSTRIES INC -- SULPHUR, TECHNICAL -- 6810-00-282-9710
===== Product Identification =====

Product ID:SULPHUR, TECHNICAL
MSDS Date:11/03/2000
FSC:6810
NIIN:00-282-9710
Status Code:A
MSDS Number: CKYFN
=== Responsible Party ===
Company Name:PHOENIX INDUSTRIES INC
Address:1519 CHAMBERLAYNE PARKWAY
City:RICHMOND
State:VA
ZIP:23222
Country:US
Info Phone Num:804-264-5183
Emergency Phone Num:8
00-424-9300; 800-424-8802
Chemtec 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:SP0450-01-M-D452
CAGE:0YED2

===== Composition/Information on Ingredients =====

Ingred Name:SULFUR
CAS:7704-34-9
RTECS #:WS4250000
= Wt:100.
Other REC Limits:10 MG/M3

===== Hazards Identification

Health Hazards Acute and Chronic: EYES: SULPHUR DUST IS MILDLY IRRITATING TO EYES. SKIN: UPON CONTINUED OR REPEATED CONTACT MAY CAUSE IRRITATION OF THE SKIN. INHALATION: INHALATION OF DUST CAN CAUSE RESPIRATORY TRACT IRRITATION. INGESTION: SULPHUR HAS A LOW ORDER OF TOXICITY.

Effects of Overexposure: EYES: MILD IRRITATION. SKIN: IRRITATION. INHALATION: RESPIRATORY TRACT IRRITATION. INGESTION: SULPHUR HAS A LOW ORDER OF TOXICITY.

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

First Aid: EYES: RINSE WITH WATER FOR 10-15 MINUTES. CONSULT A PHYSICIAN SHOULD IRRITATION PERSIST. SKIN: WASH WITH SOAP AND WATER. CONSULT A PHYSICIAN SHOULD SYMPTOMS OR IRRITATION OCCUR. INHALATION: MOVE PERSON TO FRESH AIR. IF SYMPTOMS OR IRRITATION OCCUR, SEE PHYSICIAN. INGESTION: IF LARGE AMOUNTS ARE SWALLOWED, IMMEDIATELY GET MEDICAL HELP.

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

Flash Point: 207.C, 404.6F
Autoignition Temp: 232.C, 449.6F
Lower Limits: 35 G/M3
Upper Limits: 1400 G/M3
Extinguishing Media: WATER FOG, STEAM, CARBON DIOXIDE. EXTINGUISH SMALL FIRES BY GENTLY COVERING WITH SAND OR FINE EARTH TO EXCLUDE OXYGEN.
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS. WATER STREAM MAY SPLATTER MOLTEN SULFUR.
Unusual Fire/Explosion Hazard: DUST OR VAPORS CAN FORM EXPLOSIVE MIXTURE WITH AIR.

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

Spill Release Procedures: USE NORMAL CLEAN-UP PROCEDURES FOR SPILLS. MECHANICAL SWEEPING OR VACUUM DEVICES NOT RECOMMENDED. ELIMINATE SOURCES OF POSSIBLE IGNITION. AVOID UNNECESSARY DUSTING.

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

Respiratory Protection: WHERE EXPOSURE TO THE DUST IS APPARENT, A HALF-FACE DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A FULL-FACE POSITIVE-PRESSURE, AIR PURIFYING RESPIRATOR.

R-SUPPLIED RESPIRATOR. WARNING: AIR-PURIFYING
RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES.
Ventilation: DILUTION VENTILATION IS A SATISFACTORY CONTROL. IF
CONDITIONS CREATE DISCOMFORT TO WORKER, LOCAL EXHAUST SYSTEM SHOULD
BE CONSIDERED.

Protective Gloves: PROTECTIVE GLOVES
Eye Protection: WEAR SAFETY GLASSES
Other Protective Equipment: CLEAN BODY COVERING CLOTH
Supplemental Safety and Health
SYNONYMS: SULFUR, FLOWERS OF SULPHUR.

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

HCC: F8
Boiling Pt: =444.6C, 832.3F
Melt/Freeze Pt: =112.5C, 234.5F
M.P/F.P Text: 112.5-119C
Spec Gravity: 2.07
Solubility in Water: INSOLUBLE

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

Stability Indicator/Materials to Avoid: YES
POTENTIALLY EXPLOSIVE MIXTURES ARE FORMED WHEN IN CONTACT WITH
OXIDIZING MATERIALS. KEEP SEPARATE FROM CHLORATES, NITRATES,
CHARCOAL, METALS, CARBIDES, HALOGENS AND OTHER OXIDIZERS
Stability Condition to Avoid: OVERHEATING, SOURCES OF IGNITION.
Hazardous Decomposition Products: OXIDES OF SULPHUR INCLUDING SULPHUR
DIOXIDE AND SULFUR TRIOXIDE. FORMATION OF TOXIC HYDROGEN SULFIDE
MAY OCCUR.

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

Waste Disposal Methods: NOT A RCRA LISTED HAZARDOUS WASTE. WASTE SHOULD
BE HANDLED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL
REGULATIONS.

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

Transport Inform

ation:PSN: SULFUR, 4.1, UN1350, III.

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