

HURON INDUSTRIES INC -- RED LEAD -- 9150-01-206-3626

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Product Identification
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Product ID:RED LEAD
MSDS Date:07/17/1990
FSC:9150
NIIN:01-206-3626
MSDS Number: BJFSS
=== Responsible Party ===
Company Name:HURON INDUSTRIES INC
Box:610104
City:PORT HURON
State:MI
ZIP:48061
Country:US
Info Phone Num:313-984-4213
Emergency Phone Num:313-984-4213
Preparer's Name:JOHN BOUKAMP
CAGE:03432
=== Con
tractor Identification ===
Company Name:HURON INDUSTRIES INC
Address:2301 16TH ST
Box:610104
City:PORT HURON
State:MI
ZIP:48061-0104
Country:US
Phone:810-984-4213
CAGE:03432

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Composition/Information on Ingredients
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Ingred Name:LEAD TETRAOXIDE
CAS:1314-41-6
Fraction by Wt: 100%
OSHA PEL:0.05 (PB)MG/M3
ACGIH TLV:0.15 (PB)MG/M3

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhal

ation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and

Chronic:COLIC,ANEMIA,VOMITING,NEURITIS,CRAMPS,ACHING BONES & MUSCLES,UNCOORDINATED BODY MOVEMENTS.WORST CASE:CONVULSIONS,STUPOR,COMA & ENCEPHALOPATHY.EXCESSIVE EXPOSURE MAY AFFECT BLOOD,NERVOUS,DIGESTIVE,RENA L OR REPRODUCTIVE SYSTEMS.IF LEFT UNTREATED,NEUROMUSCULAR DYSFUNCTION,POSSIBLE PARALYSIS & ENCEPHALOPATHY CAN RESULT.

Explanation of Carcinogenicity:NOT REL
EVANT

Effects of Overexposure:CONSTIPATION, SLEEP DISTURBANCE, FATIGUE,
HEADACHE, LOSS OF APPETITE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALE:REMOVE FROM EXPOSURE. GET MD IF EXPERIENCING EFFECTS OF ACUTE OVEREXPOSURE. INGEST:INDUCE VOMITING IN A CONSCIOUS INDIVIDUAL. GET MD IMMED. SKIN:WASH THOROUGHLY W/SOAP & WATER. EYES:FLUSH W/COP IOUS QUANTITIES OF WATER. GET MD I
MMED.

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

Extinguishing Media:WATER FOG OR FLOOD, CO*2 AND DRY CHEMICAL.

Fire Fighting Procedures:WEAR FULL BODY PROTECTIVE CLOTHING AND FULL FACE PIECE, SCBA OPERATED IN POSITIVE-PRESSURE MODE.

Unusual Fire/Explosion Hazard:FUME VAPOR, AND/OR DUST MAY OCCUR AND ARE CONSIDERED TOXIC AND RESPIRATORY IRRITANTS.THE PRODUCT OR DUST CAN REACT VIGOROUSLY W/STRONG OXIDIZING AGENTS.

===== Accidental Release Mea
sures =====

Spill Release Procedures:CLEAN AREA OF SPILL RETURNING ALL MATL POSS TO CONTR.WEAR GLOVES,GOGGLES,RESP.DO NOT BREATH/INGEST DUST.USE VACUUM FOR SML SPILL.DO NOT BROOM SWEEP.RECOVERED MATL TO BE STORED IN DRY CONTRS.EXCLUDE IN DIVIDUALS FROM SPILL AREA UNTIL CLEANUPCOMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:DO NOT USE COMPRESSED AIR FOR CLEANING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF TLV IS EXCEEDED. 29CFR1910.1025.

Ventilation:VENT AS DESCRIBED IN THE INDUSTRIAL VENT MANUAL BY ACGIH SHALL BE PROVIDED WHERE EXPOSURES EXCEED PEL OR TLV.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:FULL BODY CLTHNG DURING USE & HANDLING.LEAVE

AT WORK SITE & PROPERLY LAUNDER AFTER USE W/WATER DISPOSED OF I/A/W REGS.

Work Hygienic Practices:FULL BODY CLOTHING SHOULD BE LEFT AT WORK SITE.

Supplemental Safety and Health

HARD HAT, SAFETY BOOTS AND OTHER SAFETY EQUIP SHOULD BE WORN AS APPROPRIATE FOR INDUSTRIAL ENVIRONMENT. PERSONAL CLTHNG INCLUDING SHOES SHOULD BE PROTECTED FROM CONTAMINATION.

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

HCC:V6

Boiling Pt:B.P. Text:DECMP@1022F

Melt/Freeze Pt:M.P

/F.P Text:1647F,897C

Vapor Pres:10@1985F

Spec Gravity:8.80-9.20

Solubility in Water:6.85 X 10E-7

Appearance and Odor:BRIGHT RED POWDER - ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

REACTS VIOLENTLY WITH HYDROGEN PEROXIDE.

Stability Condition to Avoid:DO NOT HEAT IN THE PRESENCE OF AL, NA, TI, ZN. STABLE TO 930F.

Hazardous Decomposition Products:HIGH TEMPERATURES OR FIRE MAY PRODUCE LEAD OXIDE FUMES VAPORS OR DUST.

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

Waste Disposal Methods:PREVENT MATERIAL FROM GETTING INTO SEWERS & OPEN BODIES OF WATER.DISPOSE I/A/W FEDERAL, STATE AND LOCAL EPA REGULATIONS. SEND WASTE TO A RECYCLING FACILITY.

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