

ISP -- GRADE S-5641 MICROPOWDER IRON -- 6810-01-129-3763

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Product Identification  
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Product ID:GRADE S-5641 MICROPOWDER IRON  
MSDS Date:10/17/1994  
FSC:6810  
NIIN:01-129-3763  
MSDS Number: BZNTD  
=== Responsible Party ===  
Company Name:ISP  
Address:N THOMPSON AVE  
City:BOUND BROOK  
State:NJ  
ZIP:08805  
Country:US  
Info Phone Num:201-628-4000/3383  
Emergency Phone Num:800-424-9300 (CHEMTREC)  
CAGE:NO009

=== Contractor Identification ===

Company Name:GREAT WESTERN CHEM  
Box:UNKNOW  
CAGE:0LFH2  
Company Name:ISP  
Address:N THOMPSON AVE  
Box:City:BOUND BROOK  
State:NJ  
ZIP:08805  
Country:US  
Phone:201-628-4000/3383  
CAGE:NO009  
Company Name:ISP TECHNOLOGIES INC  
Address:N THOMPSON AVE  
Box:City:BOUND BROOK  
State:NJ  
ZIP:08805  
Country:US  
Phone:201-628-4000/800-424-9300(CHEMTREC)  
CAGE:0SXX0

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Composition/Information on Ingredients  
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Ingred Name:IRON  
CAS:7439-89-6  
RTECS #:NO4565500  
Othe

r REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 30,000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EXPOSURE MAY CAUSE EYE  
IRRITATION. IRON IN EYE CUASES RUST RINGS IN CORNEA ASSOCIATED WITH  
IRRITATION, HYPEREMIA OF CONJUNCTIVA AND INFLAMMATION. CHRONIC: NO  
DATA FOUND.

Explanation of Car  
cinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP  
OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.  
Effects of Overexposure:EYE IRRITATION, CONJUNCTIVITIS AND  
INFLAMMATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:GET MEDICAL ATTENTION IF IRRITATION PERSISTS.  
INHALATION-REMOVE TO FRESH AIR. EYES-IMMEDIATELY FLUSH WITH WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. S  
KIN-WASH WITH SOAP AND WATER.  
INGESTION-IF CONSCIOUS, DRINK TWO GLASSES OF WATER AND INDUCE  
VOMITING. SEE A DOCTOR.

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

Flash Point:NONE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:DRY CHEMICAL.  
Fire Fighting Procedures:NONE KNOWN. DLA-HMIS: WEAR PROTECTIVE CLOTHING  
AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:RAPID OXIDATION MAY OCCUR WHICH WILL  
PROCE  
ED SPONTANEOUSLY TO GLOW DULL RED. MAY IGNITE COMBUSTIBLES.  
CAN BE A MODERATE DUST EXPLOSION HAZARD.

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

Spill Release Procedures:SCOOP UP. AVOID DUSTING. DISPOSE OF WITH SOLID  
WASTE ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH  
SPILL AREA WITH WATER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE

IN A COOL, DRY PLACE AWAY FROM  
INCOMPATIBLE MATERIALS. AVOID CONTACT & BREATHING DUST. CONTROL  
STATIC ELECTRICITY.

Other Precautions:DO NOT RAISE DUST. KEEP CONTAINER CLOSED. KEEP OUT OF  
REACH OF SMALL CHILDREN. DO NOT ALLOW ACCUMULATION OF DUST. USE  
WITH ADEQUATE VENTILATION. GROUND & BOND ALL PROCESSING & DUST  
CONTROL EQUIPMENT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS  
F

AIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH  
APPROVED RESPIRATOR WITH DUST CARTRIDGE OR AN AIR-SUPPLIED  
RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:PROVIDE SUFFICIENT DUST/EXPLOSION-PROOF MECHANICAL  
(GENERAL) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER, NORMAL  
WORK CLOTHING COVERING ARMS AND LEGS

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:4982F,2750C

Melt/Freeze Pt:M.P/F.P Text:2795F,1535C

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.5 - 3.5

Evaporation Rate & Reference:NOT VOLATILE

Solubility in Water:INSOLUBLE

Appearance and Odor:UNIFORM POWDER.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, ACIDS, CHLORINE TRIFLUORIDE, FLUORINE AND NITROGEN DIOXIDE,  
PHOSPHORUS

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:AS SOLD,

NOT REGULATED AS A RCRA WASTE. DISPOSE  
OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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