

GAF CHEMICALS CORP, SUB OF GAF CORP -- 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: BLZGX
=== Responsible Party ===
Company Name:GAF CHEMICALS CORP, SUB OF GAF CORP
Address:1361 APLS RD
City:WAYNE
State:NJ
ZIP:07470
Country:US
Info Phone Num:201-628-3341/612
-221-3999
Emergency Phone Num:800-228-5635/800-424-9300(CHEMTREC)
CAGE:46575
=== Contractor Identification ===
Company Name:GAF CHEMICALS CORP, SUB OF GAF CORP
Address:1361 APLS RD
Box:City:WAYNE
State:NJ
ZIP:07470
Country:US
Phone:201-628-3341
CAGE:46575
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
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3 (TDUST)
ACGIH TLV:5 MG/M3 (OXIDE FUME)

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 30,000 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, RESPIRATORY TRACT.
ACUTE- EYES:CAN CAUSE IRRITATION. MAY CAUSE RUST RINGS IN CORNEA

ASSOCIATED WITH INFLAMMATION. SKIN:NO HAZARD FOR RECOMMENDED
HANDLING. INHALATION:EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED
HANDLING.ORAL:EXPECTED TO BE A LOW INGESTION HAZARD. CHRONIC-
UNKNOWN.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, CONJUNCTIVITIS AND INFLAMMATION
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING EYE
PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE
TO THE EFFECTS OF THIS PRODUCT.

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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. SKIN: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
Extinguishing Media:DRY CHEMICAL
Fire Fighting Procedures:WE
AR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:RAPID OXIDATION MAY OCCUR WHICH WILL
PROCEED 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:NORMAL CLEAN UP PROCEDURES. SCOOP UP. DO NOT
RAISE DUST.
Neutralizing Agent:NOT RELEVANT

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

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Handling and Storage Precautions:STORE AWAY FROM MOISTURE, ACIDS AND OXIDIZERS.

Other Precautions:DO NOT RAISE DUST. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING DUST. KEEP OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED, A NIOSH APPROVED AIR SUPPLIED RESPIRATOR OR DUST MASK IS ADVISED.

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ntilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:TIGHT FITTING SAFETY GOGGLES

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boilin

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

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

Spec Gravity:1.5 - 3.5

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:UNIFORM POWDER

===== 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 K

NOWN.

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

Waste Disposal Methods: CAN BE RECLAIMED. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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