

MAGNE CORP -- 410-L, 430-L, 434-L -- 6850-00-772-7887

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Product Identification
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Product ID:410-L, 430-L, 434-L

MSDS Date:02/01/1989

FSC:6850

NIIN:00-772-7887

MSDS Number: BQMGR

=== Responsible Party ===

Company Name:MAGNE CORP

Address:9380 WATSON INDUSTRIAL DR

City:ST. LOUIS

State:MO

ZIP:63126

Country:US

Info Phone Num:314-968-9500

Emergency Phone Num:314-968-9500

Preparer's Name:H. D. A

MES

CAGE:69098

=== Contractor Identification ===

Company Name:MAGNE CORP

Address:9380 WATSON INDUSTRIAL DR

Box:City:ST. LOUIS

State:MO

ZIP:63126

Country:US

Phone:314-968-9500

CAGE:69098

Company Name:WEAVER C ARTHUR CO INC

Address:2420 GRENOBLE RD

Box:31600

City:RICHMOND

State:VA

ZIP:23294

Country:US

CAGE:8D619

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Composition/Information on Ingredients
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Ingred Name:IRON

CAS:7439-89-6

RTECS #:NO4565500

Fraction by Wt: >78%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG

/M3
ACGIH TLV:10 MG/M3 AS FE2O3

Ingred Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: 11-18%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MOLYBDENUM
CAS:7439-98-7
RTECS #:QA4680000
Fraction by Wt: .7-1.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9293

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Fraction by Wt: 1%.O MAX
Other REC Limits:NONE RECOM
MENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:MANGANESE (SARA III)
CAS:7439-96-5
RTECS #:OO9275000
Fraction by Wt: 1.0% MAX
Other REC Limits:NONE RECOMMENDED
OSHA PEL:(C) 5 MG/M3 DUST
ACGIH TLV:5 MG/M3 DUST 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHALATION: EXCESSIVE EXPOSURE TO DUST

MAT RESULT IN NOSE & THROAT IRRITATION; EXPOSURE TO FUME, POSSIBLE METAL FUME FEVER. PROLONGED EXPOSURE TO DUSTS OR FUME MAY CAUSE TOXIC REACTION DEPENDING UPON THE ALLOYING ELEMENTS. SKIN: STAINLESS STEEL DUSTS ARE PRIMARILY SKIN IRRITANTS.

Explanation of Carcinogenicity:CHROMIUM IS LISTED BY IARC AS CARCINOGENIC. STAINLESS STEEL HAS NOT BEEN FOUND TO BE CARCINOGENSIC BY NTP OR IARC.

Effects of Overexposure:INGESTION: INGESTION OF CONSIDERABLE QUANTITIES OF POWDERED ST

AINLESS STEEL MAY CAUSE VOMITING, BUT HAZARD IS LOW FOR PERMANENT INJURY. SKIN: STAINLESS STEEL DUSTS ON THE SKIN PRESENTS LITTLE HAZARDS AS LONG AS GOOD PERSONAL HYGIENE IS PRACTICED. EYE: SHORT TERM IRRITATION TO HIGH DUST CONCENTRATIONS IS POSSIBLE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. SKIN: WASH CONTAMINATED SKIN WITH SOAP & WATER OR MILD DETERGENT. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION: REMOVE TO WELL VENTILATED AREA; REST; CONSULT PHYSICIAN. INGESTION: CONSULT PHYSICIAN. IF SWALLOWED & PERSON IS CONSCIOUS, GIVE COPIOUS AMOUNTS OF WATER & INDUCE VOMITING.

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

Flash Point:NOT DETERMINED

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:DRY CHEMICAL.

Fire Fighting Procedures:DO NOT USE WATER.

Unusual Fire/Explosion Hazard:STAINLESS STEEL POWDER IS CLASSIFIED AS A NON-EXPLOSIVE MATERIAL BY THE U.S. BUREAU OF MINES IN REPORT RI-6516, "EXPLOSIBILITY OF METAL POWDERS".

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

Spill Release Procedures:RESTRICT AREA TO ONLY THOSE WITH RESPIRATORY PROTECTION. VENTILATE THE AREA. COLLECT SPILLED MATERIAL IN A WAY TO MINIMIZE THE GENERATION OF DUST. RECYCLE OR DISP

OSE OF AS WASTE.

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

Handling and Storage Precautions:STORE INSIDE IN DRY AREA, -18 TO 38C
(0F TO 100F).

Other Precautions:NONE

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

Respiratory Protection:WHEN CONTROL IS NOT POSSIBLE, FOLLOW OSHA 29CFR
1910.132, 133, 134. USE A NIOSH.MSHS TC-21 APPROVED MASK OR
RESPIRATOR IN HIGH DUST CONCENTRATIONS.

Ventilation:PROVIDE ADEQUATE VENTILATION KEEPING STAI
NLESS STEEL DUST

LEVELS AT A MINIMUM USING PRINCIPLES IN THE ADGIH MANUAL.

Protective Gloves:AS APPROPRIATE AGINST PHYSICAL HAZARDS.

Eye Protection:DUST PROOF SAFETY GOGGLES.

Other Protective Equipment:THE USE OF BARRIER CREAMS TO PROTECT SKIN IS
RECOMMENDED.

Work Hygienic Practices:EATING/SMOKING SHOULD NOT BE PERMITTED IN AREAS
WHERE STAINLESS STEEL DUST IS PRESENT. WORKERS SHOULD WASH BEFORE
MEALS.

Supplemental Safety and Health

WORKERS SHOULD BATHE AND CHANGE BEFORE LEAVING WO
RK.

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

HCC:T7

Boiling Pt:B.P. Text:3812F,2100C

Melt/Freeze Pt:M.P/F.P Text:1420-1425C

Vapor Pres:1 MMHG

Vapor Density:NOT VOLATL

Spec Gravity:2.6 TO 3.2

Evaporation Rate & Reference:NOT VOLATILE

Solubility in Water:NOT SOLUBLE

Appearance and Odor:GRAY METALLIC POWDER - NO ODOR.

Percent Volatiles by Volume:NOT

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

Stability Indicator/Materials to Avoid:YES

LOW

REACTIVITY WITH ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.

STAINLESS STEEL POWDERS & DUSTS MEET THE LATEST EPA DISPOSAL REGULATIONS. THESE POWDERS CONTAIN CHROMIUM WHICH MAY BE PROHIBITED WITHOUT PERMISSION.

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