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CARPENTER TECHNOLOGY CORPORATION -- TYPE 416 HF ANL PKL, ASTM-A-582-80

9510-00-222-4999

Product ID:TYPE 416 HF ANL PKL, ASTM-A-582-80

MSDS Date:01/01/1987

FSC:9510

NIIN:00-222-4999

MSDS Number: BDJZY

=== Responsible Party ===

Company Name: CARPENTER TECHNOLOGY CORPORATION

Emergency Phone Num:(215) 371-2000

CAGE:71321

=== Contractor Identification ===

Company N

ame:CARPENTER TECHNOLOGY CORP

Address:101 W BERN ST

Box:14662 City:READING

State:PA

ZIP:19612-4662

Country:US

Phone:610-208-2134 / 610-208-2457/2457

CAGE:71321

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

Ingred Name: IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000 Fraction by Wt: 84.0% OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name: NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000 Fraction by Wt: 0.35% OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Nam

CAS:7439-96-5 RTECS #:OO9275000 Fraction by Wt: 1.25% OSHA PEL:(C) 5 MG/M3 DUST ACGIH TLV:5 MG/M3 DUST 9293
Ingred Name:CHROMIUM (SARA III) CAS:7440-47-3 RTECS #:GB4200000 Fraction by Wt: 13.0% OSHA PEL:1 MG/M3 ACGIH TLV:0.5 MG/M3; 9192 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB
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Effects of Overexposure:NONE CONSIDERED HAZ IN SOLID STATE;HOWEVER,METALLIC FUMES/DUST MAY CAUSE RESP,EYES,LUNG PROBLEMS.
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First Aid:INHAL:MOVE TO FRESH AIR.GET MED ATTN;SKIN:WASH W/WATER & MILD DETERGENT.CONSULT A PHYSICIAN;EYES:FLUSH WITH PLENTY OF WATER.GET MED HELP;INGESTION:WHILE INGESTION OF LG ENOUGH QTY TO CAUSE HEALTI EFFE CTS IS UNLIKELY,CONSULT A DR IF IT OCCURS.
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Flash Point:NONE Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL
CONTR. Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.
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Spill Release Procedures:PRODUCT IS SOLID METAL.NO POTENTIAL FOR SPILL OR LEAK. HOWEVER IF SMALL METALLIC PIECES ARE SPILLED,COLLECT THOSE & REUSE.
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Handling and Storage Precautions: STORE IN COOL DRY WELL VENTUATED

e:MANGANESE (SARA III)

AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:FERROCHROME ALLOYS HAVE BEEN ASSOCIATED W/LUNG CHGS.CHROMIUM,COBALT-CHROMIUM ALLOYS,AND NICKEL HAVE BEEN IDENTIFIED AS CARCINOGEN.AVOID BREATHING DUST/FMES DURING GRINDING/WELDING PROCESSES

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

Respiratory Protection:IF FME OR DUST IS RELEASED,USE NIOSH APPRVD RESP

Ventilation:FOR DUST/FUME,USE LOCAL & GE

NERAL VENTILATION TO KEEP 7.5

Solubility in Water: NEGLIGIBLE

Appearance and Odor:SOLID METAL, ODORLESS

Percent Volatiles by Volume:N/

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid: NOT KNOWN

Hazardous Decomposition Products: NONE EXPECTED

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

Waste Disposal Methods: IN THE EVENT OF METAL OR METAL PIECES ARE TO BE DISPOSED, CONSULT

LOCAL AUTHORITIES FOR DISPOSAL OR SHIP TO RECYCLING FACILITIES.

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