

INCO ALLOYS INTERNATIONAL, INC. -- A286 INCO ALLOYS -- 3439-01-097-2902

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Product Identification  
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Product ID:A286 INCO ALLOYS

MSDS Date:12/01/1990

FSC:3439

NIIN:01-097-2902

MSDS Number: CGXDB

=== Responsible Party ===

Company Name:INCO ALLOYS INTERNATIONAL, INC.

Address:GUYAN RIVERS ROAD

City:HUNTINGTON

State:WV

ZIP:25720

Country:US

Info Phone Num:800-624-3411

Emergency Phone Num:304-526

-5780

CAGE:28553

=== Contractor Identification ===

Company Name:FRY STEEL

Box:UNKNOW

CAGE:NO777

Company Name:INCO ALLOYS INTERNATIONAL, INC. DIV INTL NICKEL CO

Address:3200 RIVERSIDE DR

City:HUNTINGTON

State:WV

ZIP:25705

Country:US

Phone:304-526-5100

CAGE:28553

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Composition/Information on Ingredients  
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Ingred Name:CHROMIUM (SARA 313) (CERCLA)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 95

96  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:IRON  
Fraction by Wt: 57%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MOLYBDENUM  
CAS:7439-98-7  
RTECS #:QA4680000  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:NICKEL (SARA 313) (CERCLA)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 26%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9596

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

Routes of Entry: Inhalation:YES Skin:NO In  
gestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION OF WELDING FUMES MAY  
CAUSE NERVOUS SYSTEM AND MUSCLE IRREGULARITIES, IRRITATION OF EYES,  
NOSE, THROAT, AND RESPIRATORY SYSTEM, METAL FUME FEVER. CHRONIC:  
INHALATION OF FUMES MAY CAUSE CANCER, SIDEROSIS, FLUOROSIS AND  
AFFECT LUNG FUNCTION.  
Explanation of Carcinogenicity:CONTAINS NICKEL WHICH IS LISTED BY BOTH  
IARC AND NTP.  
Effects of Overexposure:INHALATION:  
NAUSEA, DIZZINESS, DRYNESS OF NOSE  
AND THROAT, COUGHING, WHEEZING AND SHORTNESS OF BREATH. EYES:  
REDNESS, TEARING, BLURRED VISION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED. EYES:  
FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: WASH  
WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR.

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Fire Fighting Measures  
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Flash Point:NON-FLAMMABLE

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NON-FLAMMABLE; BUT SPARKS FROM WELDING OR GRINDING MAY IGNITE COMBUSTIBLES DURING USE.

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Accidental Release Measures  
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Spill Release Procedures:PICK UP RODS. SWEEP UP OR MO  
P. PLACE RESIDUE

IN A CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:REMOVE ANY COMBUSTIBLES FROM WORK AREA: SPARKS OR WELDING ARC COULD IGNITE NEARBY COMBUSTIBLES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR WELDING  
FU

MES OR SUPPLIED AIR RESPIRATOR IN CONFINED SPACES OR WHERE FUME CONCENTRATION EXCEEDS REGULATORY LIMITS. USE IAW 29 CFR 1910.134.

Ventilation:USE MECHANICAL OR LOCAL EXHAUST OR BOTH TO MAINTAIN LEVELS OF FUMES BELOW REGULATORY LIMITS.

Protective Gloves:WELDERS WORK GLOVES

Eye Protection:WELDERS HELMET WITH CORRECT LENSES

Other Protective Equipment:CLOTHING TO PROTECT ENTIRE BODY FROM SPARKS.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER

CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>2552F,>140

Spec Gravity:8-9

Appearance and Odor:SILVER COLORED METAL SHAPED AS PLATE, BAR, WIRE, TUBE, ROD, STRIP, SHEET, ETC..

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY M

ANUFACTURER.

Hazardous Decomposition Products:METAL FUMES, FLUORIDES.

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

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

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