

RONSON CORP -- FLINT - FERROCERIUM UN 1323 -- 8465-00-973-4807

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Product Identification
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Product ID:FLINT - FERROCERIUM UN 1323

MSDS Date:02/15/1989

FSC:8465

NIIN:00-973-4807

Kit Part:Y

MSDS Number: BJZPY

=== Responsible Party ===

Company Name:RONSON CORP

Address:55 MFRS PL

City:NEWARK

State:NJ

ZIP:07105

Country:US

Info Phone Num:201-589-1380

Emergency Phone Num:201-589-1380

CAGE:11574

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== Contractor Identification ==

Company Name:RONSON CORP

Address:55 MFRS PL

Box:City:NEWARK

State:NJ

ZIP:07105

Country:US

Phone:201-589-1380

CAGE:11574

Company Name:SPECIALTY PRODUCTS AND SERVICES INC

CAGE:62209

Company Name:SURVIVAL EQUIPMENT COMPANY

CAGE:5E544

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Composition/Information on Ingredients
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Ingred Name:CERIUM

CAS:7440-45-1

RTECS #:FK4850000

Fraction by Wt: 39-43%

Other REC Limits:NONE SPECIFIED

Ingred Name:LANTHANUM

CAS:7439-91-0

Fraction by Wt: 18-21%

Other REC Limits:NONE SPECIFIED

Ingred Name:NEODYMIUM

CAS:7440-00-8

RTECS #:QO8575000

Fraction by Wt: 9-12%

Other REC Limits:NONE SPECIFIED

Ingred Name:PRASEODYMIUM

CAS:7440-10-0

Fraction by Wt: 5-6%

Other REC Limits:NONE SPECIFIED

Ingred Name:YTTRIUM

CAS:7440-65-5

RTECS #:ZG2980000

Fraction by Wt: 2-3%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name:SAMARIUM

CAS:7440-19-9

Fraction by Wt: 500F,>260C

Extinguishing Media:COVER WITH DRY SALT OR DRY SAND TO SMOTHER. AVOID

USE OF WATER DUE TO SLOW REACTION YIELDING HYDROGEN GAS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. FINE METALLIC POWDERS ARE PYROPHORIC AND MAY IGNITE BY FRICTION.

===== Accidental Release Measure

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Spill Release Procedures:AVOID DUST GENERATION VIA VACUUM METHODS OR USE OF WATER. USE APPROPRIATE RESPIRATOR

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN METAL CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:AVOID FLAMES AND SPARKS. AVOID MIXING WITH HALOGEN

S,
PHOSPHORUS, OR OTHER OXIDIZING MATERIALS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:LOCAL VENTILATION SHOULD BE PROVIDED.

Protective Gloves:TO PROTECT AGAINST PHYSICAL HAZARDS.

Eye Protection:SAFETY GLASSES

Other Protective Eq

uipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE

WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:6800F,3760C

Melt/Freeze Pt:M.P/F.P Text:1700F,927C

Spec Gravity:7.3

Solubility in Water:REACTS SLOWL

Y

Appearance and Odor:METALLIC; GRAY TO BLACK - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

WATER, ACIDS, PHOSPHORUS, HALOGENS, OXIDIZING MATERIALS, SULFUR.

Stability Condition to Avoid:MOSITURE AND ACIDIC CONDITIONS.

Hazardous Decomposition Products:FLAMMABLE HYDROGEN GAS

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERA

L, STATE AND LOCAL REGULATIONS. DISPOSE OF AS A FLAMMABLE SOLID.

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