



MATERIAL SAFETY DATA SHEET

NANJING OVERSEAS TRADING LIMITED - Ferro Silicon Magnesium

MSDS Safety Information

FSC: 6850

MSDS Date: 07/15/2011

MSDS Num: BZYNV

LIIN: 00F050370

Tech Review: 07/15/2011

Product ID: Ferro Silicon Magnesium

Responsible Party

Name: NANJING OVERSEAS TRADING LIMITED

Address: 18F. HUIJIE PLAZA, 268 ZHONGSHAN RD. Nanjing China.

City: NANJING

Info Phone Number: 25-83197568

Emergency Phone Number: 25-83197960

Ingredients

Gas: 7440-21-3

RTECS #: VW0400000

Name: SILICON

% by SPEC: 42-50, 43-48

Ozone Depleting Chemical: N

Gas: 7439-21-3

RTECS #: GB0390000

Name: Magnesium

% by Spec: 6.2-6.8

Ozone Depleting Chemical: N

Health Hazards Data

Route Of Entry Inds - Inhalation: YES



Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: HIGH CONCENTRATIONS OF DUST WILL CAUSE SOME IRRITATION TO EYES, NOSE & THROAT. INHALATION MAY CAUSE BENIGN PNEUMOCONIOSIS, MOTTILING OF THE LUNGS. INHALATION/INGESTION: MANGANESE POISONING.

Explanation Of Carcinogenicity: SEE INGREDIENTS.

Signs And Symptions Of Overexposure: IRRITATION, CNS DISORDERS, APATHY, DROWSINESS, SLEEP DISTURBANCE, MUSCULAR TWITCHING, SPASTIC GAIT & EMOTION CONTROL PROBLEMS.

Medical Cond Aggravated By Exposure: PRE-EXISTING CHRONIC OBSTRUCTIVE LUNG DISEASE.

First Aid: INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING AS REQUIRED.
SKIN: WASH AFFECTED AREA W/MILD SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling and Disposal

Spill Release Procedures: USE APPROPRIATE PROTECTIVE EQUIPMENT. AVOID THE USE OF COMPRESSED AIR TO MANEUVER SPILLED MATERIAL. FINE MATERIAL SHOULD BE SWEEPED UP/VACUUMED USING EXPLOSION PROOF EQUIPMENT. KEEP DRY & WET MATERIAL SEPERATED.

Waste Disposal Methods: AVOID REPACKING WET MATERIAL IN SEALED CONTAINERS. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. UN1408

Handling And Storage Precautions: AVOID GENERATION OF AIRBORNE DUSTS. KEEP DRY WHEN STORING FOR LONG PERIODS OF TIME. AVOID ADDING WET PRODUCT TO MOLTEN METAL.

Other Precautions: PHOSPHINE & ARSINE ARE HIGHLY TOXIC GASES. HYDROGEN IS A VERY EXPLOSIVE GAS.

Fire and Explosion Hazard Information

Lower Limits: 800

Extinguishing Media: DRY POWDER, DRY SAND/CO2.



Fire Fighting Procedures: ISOLATE FIRE & ALLOW TO BURN OUT.
Unusual Fire/Explosion Hazard: DUST CAN BE IGNITED WHEN SUSPENDED IN AIR.
WILL PROPOGATE FLAME BUT ISN'T EXPECTED TO GENERATED SUFFICIENT PRESSURE
TO EXPLODE.

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Control Measures
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Respiratory Protection: USE SCBA W/MIMINAL VENTILATION. IN WELL-VENTILATED
OPEN AREAS, THE USE OF A RESPIRATOR EQUIPPED W/COMBINATION ORGANIC
VAPOR/ACID GAS/HEPA CARTIDGES & DUST/MIST PREFILTER IS REQUIRED.

Protective Gloves: PROTECTIVE

Eye Protection: SAFETY GOGGLES

Work Hygienic Practices: AVOID CONTAMINATION OF WORK CLOTHING.

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Physical/Chemical Properties
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M. P/F. P Text: 2192-2282F

Spec Gravity: 2-5

Solubility in Water: INSOLUBLE

Appearance and Odor: SILVERY METALLIC SOLID W/NO ODOR. MAY BE IN POWDERED
FORM/GRANULAR FORM.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: MOISTURE, SPARKS, OTHER IGNITION SOURCES.

Materials To Avoid: OXIDIZERS & ACIDS, ASSOCIATED/RESULTING FUMES, AIRBORN
DUST.

Hazardous Decomposition Products: PHOSPHINE, ARSINE & HYDROGEN.

Hazardous Polymerization Indicator: NO

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Product ID: Ferro Silicon Magnesium

Company Name: NANJING OVERSEAS TRADING LIMITED

Street: 8F. HUIJIE PLAZA, 268 ZHONGSHAN RD. Nanjing China.

City: NANJING

Zipcode: 210008 CHINA

Health Emergency Phone: 0086-25-83197960



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