

Grabber Construction Products  
MSDS for Carbon Steel 1

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**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA'S Hazard Communication Standard  
29 CFR 1910, 1200 Standard must be  
consulted for specific requirements.  
IDENTITY (As Used on Label and List)

**CARBON STEEL 1**

**Section 1 - MANUFACTURER**

Name: China Steel Corporation

Address: 1 Chung Kang Road Hsiao Kang  
Kaoshuing (812)  
Taiwan, Republic of China

**Section II - HAZARDOUS INGREDIENTS**

Hazardous Components  
(Specific Chemical Identity:)  
Common Name (s)  
Chemical Analysis, Unit %  
C: Carbon: 0.17 - 0.23  
MN: Manganese: 0.7 - 0.9  
P: Phosphorus: 0.03 (Max)  
S: Sulfur: 0.05 (MAX)  
SI: Silicon: 0.05  
TTL AL: Total Aluminum: 0.035 - 0.067  
BASS METAL  
IRON: BALANCE

**Section III - Physical / Chemical**

**Characteristics**

Specific Gravity (H2O - 1):	7.85
Melting Point:	1000 degrees C
Evaporation (Butyl Acetate):	Not applicable
Boiling Point:	Not applicable
Vapor Pressure (mm Hg):	Not applicable
Vapor Density (AIR - 1):	Not applicable
Solubility in Water:	Not soluble
Appearance and Odor:	Solid/No odor

**Section IV - Fire & Explosion Hazard Data**

	Flammable Limits	LEL
	Product is not self igniting	
Flash Point (Method Used):	Not applicable	
Extinguishing Media:	Not applicable	
Special Fire Fighting Procedures:	None	
Unusual Fire and Explosion Hazards: (Reproduce Locally)	None	

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health  
Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 128-0072  
Note: Blank spaces are not permitted  
If any item is not applicable or no  
information is available, the space  
must be marked to indicate that

**Emergency**

**Phone: 886-7-802-1111**

Information Phone: 886-7-802-1111

Date Prepared  
Signature of Preparer

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**Section V**

Stability:  
Incompatibility (Materials to Avoid):  
Hazardous Decomposition or Byproducts  
Hazardous:  
Polymerization:

**Reactivity Data**

Stable  
  
Will not occur

**Section VI**

Route(s) of Entry:  
  
Health Hazards (Acute and Chronic):  
Nonflammable or Combustible Steel Products in  
the Solid State:  
  
Carcinogenicity:  
  
Signs and Symptoms of Exposure:  
Medical Conditions Generally Aggravated  
by Exposure:  
Emergency and First Aid Procedures:

**Health Hazard  
Data**

Inhalation/none	Skin/none	Ingestion/ not applicable
None		
Present no fire or explosion hazard and do not contribute to the combustion of other materials		
NTP/none	IARC Monographs/ none	OSHA Regulated/ none
None		
None		
None		

**Section VII**

Steps to be Taken in Case Material is  
Released or Spilled:  
Waste Disposal Method:  
  
Precautions to be Taken:  
  
Other Precautions:

**Precautions for Safe Handling  
and Use**

None  
Dispose of substance in accordance with the  
related laws and regulations  
Wash your hands after handling it  
Will react with strong acid to release  
hydrogen

**Section VIII**

Respiratory Protection (Specify Type)  
Ventilation:  
  
Protective Gloves:  
Eye Protection:  
Other Protective Clothing or Equipment:  
Work/Hygienic Practices:

**Control  
Measures**

Local Exhaust/none	Special/none	(General) Mechanical/ none
Other/none		
Rubber gloves		
Safety glasses		
Install a washstand in workshop for washing hands		
General protective and hygienic measures		