

We are the leading manufacturers and exporters of world class quality standard CAST IRON POWDER since 1996. We are one of the largest producers of Cast Iron Powder (CAS# 7439-89-6) in India. We regularly supply too many national and multinational companies in India and overseas.

### Cast iron powder Specification

Product name

:

Cast Iron Power

Molecular Formula

:

Fe

CAS No

:

7439-89-6

RTECS Number

▪  
▪

NO 4565500

Melting point

▪  
▪

1535 °C

Specific Gravity

- 
- 

7.87

# EINEC Number

- 
-

2310964

Molecular Wt.

- 
- 

55.85



# Water Solubility

- 
-

# Insoluble

# **MSDS: CAST IRON POWDER**

## **1. PRODUCT**

# DATA

# Chemical Name



# Iron

# Chemical Data



# Melting Point 1

# Density





7.8g/cm<sup>3</sup>

Appearance



# Gray color

# Synonym



# Cast Iron Powder

# Chemical Form



**Fe**

**2. CAS**



# NUMBER

# Iron Powder fa



# CAS Number a

3.

# **FIRE/EXPL SION HAZARDS**

Iron is not a  
flammable  
Product  
under most  
conditions.  
Avoid

airborne  
dispersion of  
any finely  
power in an  
enclosed  
area to

reduce  
potential  
dust ignition.

**4.**

# **EXISTINGUI SH MEDIA**



Dry  
Chemical,  
sand,  
graphite to  
smother fire.  
Use water

only in  
mist/fog  
application  
to avoid  
spreading  
power/acclim

ated dust  
in  
surrounding  
area.

# 5.

# HAZARDS IDENTIFICA TION

Irritating to  
the skin and  
eyes on  
contact.  
Inhalation  
will cause

irritation to  
lungs and  
Mucus  
membrane.

Irritation to  
eyes will

cause  
watering and  
redness.  
Reddening  
scaling and  
itching are

characteristics of skin inflammation  
Follow safe industrial Hygiene



# Practices.

## 6. CHRONIC HEALTH

# EFFECTS

This product  
has no

known  
chronic  
effects.

# 7.

# CARCINOGENICITY

This product  
is not  
carcinogen.

# 8. FIRST AID FOR EYES

In case of  
contact  
immediately  
flush eyes  
with plenty of  
water for

at least 15  
minutes. Call  
the  
physician.



# 9. FIRST AID FOR SKIN

In case of  
contact flush  
skin with  
water. Wash  
clothes  
before

reuse. Call a  
physician if  
irritation  
occurs.

# 10. FIRST AID FOR INHALATIO N

If inhaled  
move to  
fresh air; if  
not  
breathing,  
give artificial

respiratory;  
if breathing  
is difficult  
give oxygen.  
Call a  
physician.

# **11. FIRST AID IN INGESTION**

If swallowed,  
call a  
physician  
immediately.



# **12. FIRE AND EXPLOSION DATA**

# Flammability



Non -

# Flash Point



Not applicable

# Extinguishing



# Water spray on

# **13. FIRE FIGHTING PROCEDUR**



**E**

**Wear self  
contained**

breathing  
apparatus  
and  
protective  
clothing to  
prevent

contact with  
skin and  
eyes.

# 14.

# FIRE/EXPL OSION HAZARDS

Fire and  
explosion  
hazards are  
moderate  
when the  
material is in

the form  
of a dust and  
exposed to  
heat, flames,  
and  
chemical

reaction or  
contact  
which  
powerful  
oxidizer.

# **15.**

# **HANDLING**

# **AND**

# **STORAGE**



# Special Sensit



None

# Storage Temp



# Ambient Temp

# 16.

# DISPOSAL

# CONSIDER

# ACTIONS

Waste  
disposal

should be in  
accordance  
with existing  
federal,  
state and  
local

environment  
al  
regulations.



# 17.

# TRANSPOR TATION INFORMATI ON

# Proper

# S



# Cast Iron Powder

# H.S. Code



72052910

# UN Number



Not Applicable

# Class





Not Applicable

P.G.



Not Applicable

# Label



Not Applicable

# 18.

# INFORMATI

# ON

The product  
contains no  
chemicals.  
Even though

reasonable  
care to be  
taken during  
the  
preparation  
of the



document,  
we also  
extending no  
warranties  
and make no  
representatio

ns as to the  
completeness  
s of the  
information  
contained  
and assure

no  
responsibility  
regarding  
the suitability  
of this  
information.

Each  
person  
should  
arrange the  
determinatio  
ns as to

suitability of  
information  
for their  
specific  
needs.

