

Safety Data Sheet

Edited by GB14936—2012

Production No.:3440

Name: Flux Calcined Diatomite

Part I chemicals & company logo

English Name: Diatomite Filter Aid CAS: 68855-54-9

Chemical Name: amorphous silica formula: SiO₂ EINECS: 231-545-4

Part II composition information on ingredients

Loss on Ignition	0.28%
SiO ₂	89.2%
Al ₂ O ₃	3.02%
Fe ₂ O ₃	1.52%
CaO	0.23%
MgO	0.27%
Others	5.48%

Part III Risk Overview

Risk Category: NA;

pathways : inhalation or the eyes were touched by the powder。

Risk: prolonged or frequent exposure can cause the chronic lung diseases in such high concentration dust of this products(or any other dangerous dust).dust into the eyes may cause short sting or red-eye. This production has never been listed as carcinogen by NTP or IARC

Enviromente Risk: NA;

Explosion Risk: NA;

Part V First Aid Measures

Skin contact: NA

Eye contact : Wash the eyes with plenty of water. Consult the doctor if inflammation .

Inhale: turn to the fresh air area, Cleaning throat with water and blowing nose to exclude .

Edible : NA

Part v Fire Protection Measures

Risk: NO

Harmful comburent: NA

Extinguishing agent: NA

Note: NA

Part VI Accidental Release Measures

Emergency treatment: using vacuuming cleaner to clean dust .

Method: using water to stop the dust

Part VII Dealing and saving

Handling precaution: minimize dust and deposition, in order to avoid the inhalation of the dust or eye contact.

Storage precaution: packaging should be immediately sealed if it's damaged, empty packing processing should also abide with warnings labels of this production and safety data sheets.

Part VIII contacting control /Individual protection

The Maximum Allowable Concentration:

0.05mg/M³ Hazard

0.1mg/M³ Quartz

Monitoring methods: OSHA

Engineering controls: The production process airtight, strengthen ventilation.

Respiratory protection: Less than 10 times of exposure value, using a quarter or half of the N95 mask respirator; Less than 50 times of exposure value, using mask respirator with N95 filter; less than 200 times of exposure value, using micronized quipped with N95 filters air purifier positive pressure ventilator; more than 200 times of exposure value, using large mask continuous air supply respirator

Eye protection: recommend to use goggles

Body protection: with natural ventilation or by using ventilation equipment in order to reduce the dust level to reach the exposure value.

Hand protection: generally do not need

Other protection: when maintaining the equipment with dusting, make sure you are using the respirator correctly.

Part IX Chemical Property

Color /smell: white powder /tasteless

pH:5-11 ; Melting point: NA; Boiling point: NA; specific gravity (water 1) : 2.2; vapor density (air 1) :NA; Flash point: NA; ignition temperature: NA ; upper explosive limit: NA; lower explosive limit: NA; solubility: NA;application : filter aid.

PartX stability and reactivity

Stability: stable; prohibited material: hydrofluoric acid; avoid contact conditions: NA; polymerization reaction: can't occur; decomposition products: NA.

Part XI Toxicology file

Prolonged and frequent exposure can cause the chronic lung diseases in such high concentration dust of this products(or any other dangerous dust).dust into the eyes may cause short sting or red-eye. This product has never been regard as carcinogen by NTP or IARC

Part XII Ecology file

Be regarded as inertia in general environment .After using the product, infected with other items, depending on the different pollutants, may show different characteristics, should be considered separately

Part XIII Disposal

According to the national hazardous waste list, waste material is not hazardous . .

hazardous waste ; industrial solid waste

Part XIV Transportation

Dangerous goods no.: NA

Name of goods : Diatomite

UN NO. : NA

Packaging marks: NA

Packaging category: NA

Transport precaution: NA

Part XV Regulatory information

Not list in dangerous goods lists GB12268-90

The occupational safety and health law standard of dangerous goods transportation,

29CFR 1910.1200: this item regarded as dangerous material , see last page article3.

RCRA: According to 40CFR 261, this item is not defined as hazardous waste .

TSCA: this item list in TSCA ,, not include chapter 4, 5, 6, 7, 12.

CERCLA: NA But local regulations may be different .

SARA: No

Part XVI other information

Isolated storage dangerous level: NA

Special dealing and saving : should be immediately repair when package damaged.

Special control of working place: maintain full ventilation make dust level below the exposure value.

illustration:

1. This instruction book is based on all of our knowledge, information, and the existing publications.
2. The data provide only as security, use, disposal, storage ,transportation, referred to guidance in this instruction book. rather than guarantee or quality instructions .
- 3 . This data relates only to the substances specified in the manual, when used with other substances mixed or other process is invalid, unless otherwise specified in the text.