



WATER SPECIALIST SUPPLY CO.,LTD.

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MATERIAL SAFETY DATA SHEET

CELITE

PRODUCT: CELITE

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WATER SPECIALIST SUPPLY CO.,LTD.

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PREPARED BY..... Water Specialist Supply CO.,LTD
PREPARATION DATE..... 30/August/16
PRODUCT NAME.....CELITE
GENERAL NAME.....FLUX CALCINCINED DIATOMACEOUS EARTH
CHEMICAL FORMULA.....SiO2.
MOLECULAR WEIGHT.....60.08 g/mol.
CHEMICAL FAMILY..... Chemical Compound .
EMERGENCY PHONE NO..... (+66)34-440-851 to 3 or (+66)95-367-5790

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENT

Table with 4 columns: Content Ingredients, CAS Number, %, PEL AND TLV(except notes). Rows include FLUX CALCINCINED DIATOMACEOUS EARTH (ED) and a sub-table for silica (CRISTOBALITE, QUARTZ).

## SECTION 03: HAZARDS IDENTIFICATION

### **Summary :**

This product contains crystalline Silica (CS), Which is considered a hazard by inhalation. IARC has classified inhalation of CS as CARCINOGENIC for human(Group1) . CS is listed by NTP as a known human CARCINOGEN. Inhalation of CS is also a known cause of SILICOSIS, A noncancerous lung disease.

### **Medical Conditions Which may be Aggravation:**

PRE-EXISTING upper respiratory and lung disease such as, but not limited to BRONCHITIS, EMPHYSEMA and ASTHMA.

### **Acute Health Effects :**

Transitory upper respiratory or irritation.

### **Chronic Health Effects:**

Inhalation of crystalline silica has been classified by IRAC as CARCINOGENIC for humans(Group 1). Inhalation of crystalline silica also a known cause of silicosis, A noncancerous lung disease cause by excessive exposure to crystalline silica.

### **Primary Entry Route(s) :**

Inhalation,Dust contact with eyes.

**Inhalation :** Irritation and Soreness in throat and nose.In extreme exposures some congestion may occur.

**Eye Contact :** Temporary irritation or inflammation.

**Skin Contact :** NA

**Skin Absorption :**NA

**Ingestion :** Not Hazardous when ingestion.

## SECTION 04 : FIRST AID MEASURES

### Inhalation:

Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust.

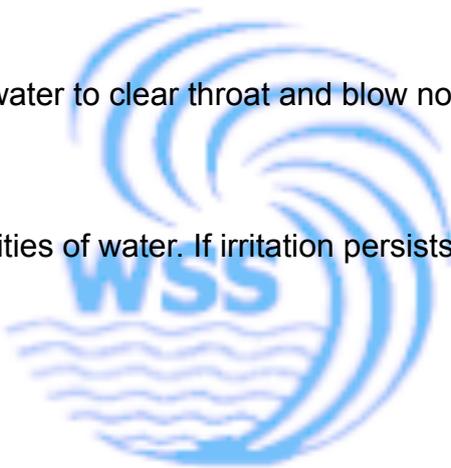
### Eye contact:

Flush eyes with large quantities of water. If irritation persists consult a physician.

**Skin Contact:** NA.

**Skin Absorption :**NA.

**Ingestion :** NA.



## SECTION 05 :FIRE FIGHTING MEASURES

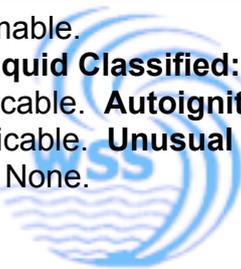
**Flash Point (Method) :** Non Flammable.

**NFPA Flammable Combustible Liquid Classified:** Not applicable.

**Flammable Limits :LEL :** Not applicable. **Autoignition Temperature:** Not applicable.

**Extinguishing Media :** Not applicable. **Unusual Fire or Explosion Hazard:** None.

**Special Fire-Fighting Procedure:** None.



## SECTION 06 : ACCIDENTAL RELEASE MEASURES

### Spills/Leaks:

Vacuum clean with equipment fitted with HEPA FILTER. Use a dust suppressant such as water if sweeping is necessary.



## SECTION 07 : HANDLING AND STORAGE

Minimize dust generation and accumulation. Avoid breathing dust, avoid contact with eyes. Seal, Broken bags immediately. Continue to follow all MSDS/LABEL WARNING when handling empty container.



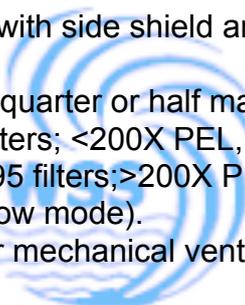
## SECTION 08 : EXPOSE CONTROL/PERSONAL PROTECTION

**Goggle :**Goggles or safety glasses with side shield are recommended.

**Gloves :**Not normally required.

**Respirator:**<10X PEL, Use an N95 quarter or half mask respirator;<50X PEL, Use a full face respirator equipped with N95 filters; <200X PEL, Use a powered air purifying respirator(Positive pressure) with N95 filters;>200X PEL, Use a full face, Type C supplied air respirator(Continuous flow mode).

**Ventilation :**Use sufficient natural or mechanical ventilation to keep dust level below PEL



**Other special Considerations for repair maintenance of contaminated equipment:**  
Insure proper respiratory protection.

## SECTION 09 :PHYSICAL AND CHEMICAL PROPERTIES

**Physical state :** Fine White Powder.

**Odour :** Odourless.

**Boiling Point:** N.AV

**Evaporation Rate:** N.AV

**Specific Gravity(water=1):** 2.3

**Vapor Pressure:** N.AV

**Melting Point :** No data.

**% Volatiles by the volume:** Negligible.

**Water Solubility (%) :** Negligible.

**Vapor Density(Air =1) :** N.AV

**pH :** No Data

## SECTION 10:STABILITY AND REACTIVITY

### **Stability:**

This material is stable.

### **Conditions to Avoid :**

None in designed use.

### **Incompatibilities :**

Hydrofluoric Acid.

### **Hazardous Polymerization :**

Will not occur.

## SECTION 11 : TOXICOLOGICAL INFORMATION

### Summary :

This product contains CRYSTALLINE SILICA(CS). Which is considered a hazard by inhalation. IRAC has classified CS as CARCINOGEN for humans (Group 1). CS is listed by NTP as a known human CARCINOGEN. CS is also known cause of silicosis, A Noncancerous lung disease.

## SECTION 12 : ECOLOGICAL CONSIDERATION

Generally considered chemically inert in the environment. Use material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

## SECTION 13 : DISPOSAL CONSIDERATION

Waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary, Consult local agencies as needed, Used material which has become contaminate may have significantly different characteristic based on the contaminants and should be evaluated accordingly.

## SECTION 14 : TRANSPORT INFORMATION

### US DOT

**Shipping Name:** EARTH, DIATOMACEOUS, CRUDE OR GROUND

**Hazard Class:** NOT CLASSIFIED.

**Report Quantities:** NOT APPPLICABLE.

**UN(United Nation), NA(North America) Number:** NOT APPLICABLE.

## SECTION 15 :REGULATORY INFORMATION

**OSHA Hazard Communications Standard,29 CFR 1919.1200:**Material is considered Hazard ,see Section 3.

**RCRA :**This material is not defined as Hazardous waste per 40 CFR 261.

**TSCA :**This material is listed in the TSCA inventory,and is not otherwise regulated by TSCA sec.4, 5, 6, 7 or 12.

**CERCLA :**Material is not reportable under CERCLA, local requirement may vary.

**SARA :**311/312 Hazard catagories-immediate and delayed health,313 reportable ingredients-none

**Canada :**This product is listed on the DSL.

**California :**This product contains chemicals known to the state of California to cause cancer.

## SECTION 16 :OTHER INFORMATION

**Storage Segregation Hazard Classes:** NA

**Special Handling/Storage:**Repair all broken bags immediately

**Special Workplace Engineering Controls:**Adequate ventilation to keep dust level below PEL

**Disclaimer :**

**Water Specialist Supply(WSS THAILAND) CO.,Ltd provide information contained here in good faith but make no representation as to its comprehensiveness or accuracy.This document is intended only as a guide to the appropriate precautionary handing of the material by a properly trained person using this product.Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.**