



MATERIAL SAFETY DATA SHEET

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Number : C1668
Health : 0
Flammability : 0
Reactivity : 0

Hazard Rating:

Least : 0
Slight : 1
Moderate : 2
High : 4

NA = Not Applicable
NE = Not Established

Product Name : Diatomaceous Earth
Trade/Chemical Synonyms :
Formula : N/A
RTECS : Vv7311000
C.A.S : CAS# 61790-53-2

Company Information:

LEONID CHEMICALS
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb
Ashokpuram School Road
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SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

Component Mixture

Sara 313

Component : Diatomaceous Earth
CAS Number : CAS# 61790-53-2
% : 100%
Dim : W/W
Exposure Limits : TXDS: orl-rat LD••: 3.16 g/Kg

SECTION 3- HAZARDS IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SECTION 4- FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

First Aid: Skin:

Wash exposed area with soap and water. If irritation persists, seek medical attention.

Eye:

Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

Ingestion:

Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

SECTION 5- FIRE FIGHTING MEASURES

Fire Extinguisher Type:

Any means suitable for extinguishing surrounding fire

Fire/Explosion Hazards:

Negligible fire hazard when exposed to heat or flame

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Evacuate area. Wear self-contained breathing apparatus and protective clothing. Eliminate all sources of ignition. sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust.

SECTION 7 - HANDLING and STORAGE

keep in tightly closed container, store in cool, dry, ventilated area. Protect against physical damage.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator. if tlv is exceeded.

Ventilation:

Mechanical : Hand Protection: none required
Local Exhaust : Eye Protection: Splash Goggles

Other Protective Equipment:

Wear appropriate clothing to prevent skin exposure. maintain eye wash and quick drench facilities.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Melting Point : 1710°C
Specific Gravity : 2.2
Boiling Point : 2232°C Percent
Volatile by Volume : n/a
Vapor Pressure : Information not available
Evaporation Rate : n/a

Vapor Density	:	Information not available
Evaporation Standard	:	n/a
Solubility in Water	:	less than 2.0%
Auto ignition Temperature	:	Not applicable
Appearance and Odor	:	buff to off white granules w/no odor.
Lower Flamm. Limit in Air	:	Not applicable
Flash Point	:	n/a
Upper Flamm. Limit in Air	:	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Stability:

yes Conditions to Avoid: substance can explode when wet and heated with magnesium.

Materials to Avoid:

hydrogen flouride,hydrogenated vegetable oils,xenon hexafluoride, oxygen difluoride and chlorine trifluoride.

Hazardous Decomposition Products:

Not known to occur

Hazardous Polymerization:

Will Not Occur

Conditions to Avoid:

None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute:

inhalation of large amounts of dust may cause dryness and irritation to mucus membranes, nose and throat. Conditions aggravated/target organs. Persons with pre-existing eyes,skin.or respiratory conditionway be more susceptible.

DOT Classification:

Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

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