

Shuichem SC- 001 Material Safety Data Sheet

The first part: chemical name

Product Name : Shuichem SC 001
Type of product : Anti-Slag Coal Additive
Use : For Industrial applications only

The second part: Composition / information on ingredients

Harmful ingredient content

CAS No. 1309-48-4

The third part: risk overview

Risk categories: pathways: health hazards: Caustic Calcined Magnesia stimulate mucosal cause conjunctivitis and rhinitis. Inhaled Caustic Calcined Magnesia fume concentration 4-6mg / m³, 12 minutes, can produce metal fume fever, fever, cough, chest pressure, white blood cells were increased, but the ratio of zinc oxide fumes caused symptoms should be light and rare. Have data story, oral administration of large Caustic Calcined Magnesia can cause fever, leukocytosis, etc.. Environmental hazards: explosive danger: it is inflammable, irritating.

The fourth part : the first aid measures

Skin contact: remove contaminated clothing, with the mobile water rinse. Eye contact: speaking of the eyelid, with the flowing water or saline rinse. Medical treatment. Inhalation: from the scene quickly to fresh air. If breathing is difficult, give oxygen. Medical treatment. Ingestion: drink plenty of warm water, emetic. Medical treatment.

The fifth part: fire fighting measures

Hazardous characteristics: with phosphorus pentachloride and halide mixed, can react vigorously. Hazardous combustion products: natural decomposition products of unknown. Fire extinguishing method: fire personnel must wear body fire suits, the wind direction on fire. Fire as much as possible to remove the vessels to open office.

The sixth part: Leakage Emergency Treatment

Emergency treatment: isolation of contaminated area, restricted access. Recommended emergency personnel wearing a dust mask (full cover), wearing protective clothing. To avoid dust, carefully scan, bag placed transfer to a safe place. If a large leak, use plastic cloth, canvas covered. Collect the recycling or shipped to the disposal of waste disposal sites.

The seventh part: handling and storage

Operation note : closed operation, pay attention to ventilation. The operator must go through specialized training, strict compliance with operating procedures. Proposed operators wear self-absorption filter type dust mask, wear protective chemical safety glasses, wear protective overalls on infiltration, wear rubber gloves. Avoid creating dust. Avoid oxidizing agents, acids, halide. When moving the light light unloading, packaging to prevent breakage. Equipped with emergency treatment equipment for leakage. May be left empty containers of hazardous material. Storage note: stored in a cool, ventilation of the treasury. Away from fire, heat source. With the oxidant, acid, halide stored separately, avoid mixing reservoir. Storage areas should be equipped with appropriate materials asylum leakage.

The eighth part: contact control / personal protection

Chinese MAC (mg / m³): failure to develop standard Soviet MAC (mg / m³) : 10 [] TLVTN: ACGIH magnesite 10mg / m³ [smoke] TLVWN: failure to develop standard monitoring method: engineering control : closed operation, pay attention to ventilation. Respiratory protection: dust concentration in air exceeded, must wear self-absorption filter type dust mask. Emergency rescue or evacuation, they should wear air respirator. Eye protection: wear protective chemical safety glasses. Physical protection: wear protective overalls on infiltration. Hand protection: wear rubber gloves. Other protective: pay attention to personal hygiene.

The ninth part: physicochemical properties

Appearance and properties: white powder. PH: melting point (c) : 2800

Relative density (water = 1) : the 3.58 boiling point (c) : 3600

Relative vapor density (air = 1): no data molecular name: Caustic Calcined Magnesia

Molecular weight: 40.31 main ingredients: pure saturated vapor pressure (kPa): no data

Heat of combustion (kJ / mol): no significant critical temperature (c): meaningless

Critical pressure (MPa): meaningless octanol / water partition coefficient of numerical: no data flash point (c): meaningless

Upper explosive limit % (V / V): pointless ignition temperature (c): meaningless

The lower explosive limit of % (V / V): meaningless: solubility of slightly soluble in water. Main purposes: as a drug and laxatives. Other physico-chemical properties:

The tenth part: stability and reaction activity

Stability: ban compound: halide, strong oxidant, acid. Avoid contact conditions: hazardous polymerization: decomposition products:

The eleventh part: toxicology information

Acute toxicity: LD50: no data

LC50: no data in subacute and chronic toxicity: irritant: allergenicity: mutagenicity teratogenicity carcinogenicity::

The twelfth part: ecological information

Ecological toxicology toxicity: biodegradation: non biodegradable: biological enrichment or biological accumulation: other deleterious effects: no data.

The thirteenth part: waste disposal

Waste: waste disposal method: safety burying method disposal. Waste matters needing attention:

The fourteenth Part : Transport Information

Dangerous goods code: no data UN number: no data marking of packaging: Packaging category: Z01 packing method: no data. Transportation matters needing attention: shipment to complete the packing, loading should be safe. Transportation process to ensure that the container does not leak, no collapse, not falling, no damage. With no oxidants, acid, halide, edible chemicals mixed mixed operation. Transit should prevent insolation, drench, anti high temperature. Transport vehicles should be thoroughly cleaned.

The fifteenth part: regulation information

Regulatory information chemical dangerous goods safety management Ordinance (promulgated by the State Council on February 17, 1987), chemical dangerous goods safety management regulations implementing rules (of the [1992] 677 date), the use of chemicals in workplace safety regulations ([1996] labor department No. 423) regulations, for dangerous chemicals production, storage, use, safety transportation, loading and unloading has corresponding regulations; workplace air intermediate Caustic Calcined Magnesia (fume) health standard (GB 16195-1996) in the air of workplace, provided the material maximum allowable concentration and detection method.

The sixteenth part: other information

Reference.

MSDS query network consolidation revision description:

Other information: