



**SURECHEM
PRODUCTS LTD**

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KAOLIN

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MATERIAL SAFETY DATA SHEET No.K012 GHS VERSION 3a 28.05.20

SECTION 1. CHEMICAL IDENTIFICATION

1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT No. K0125 KAOLIN light

1.2 USE OF THE SUBSTANCE/ PREPARATION

FOR LABORATORY UTILISATION, ANALYSIS, RESEARCH AND FINE CHEMISTRY.

1.3 IDENTIFICATION OF THE COMPANY OR FIRM

COMPANY

SURECHEM PRODUCTS LIMITED
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SECTION 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS DANGEROUS ACCORDING TO EC REGULATION 1272/2008.

NOT CLASSIFIED AS DANGEROUS ACCORDING TO DIRECTIVE 67/548/EEC.

THE PRODUCT DOES GIVE POTENTIAL FOR GENERATION OF RESPIRABLE DUST DURING HANDLING AND USE. DUST MAY CONTAIN RESPIRABLE CRYSTALLINE SILICA. PROLONGED AND OR MASSIVE INHALATION OF RESPIRABLE CRYSTALLINE SILICA DUST MAY CAUSE LUNG FIBROSIS, COMMONLY REFERRED TO AS SILICOSIS. PRINCIPAL SYMPTOMS OF LUNG FIBROSIS ARE COUGH AND BREATHLESSNESS. OCCUPATIONAL EXPOSURE TO RESPIRABLE DUST AND RESPIRABLE DUST AND RESPIRABLE CRYSTALLINE SILICA SHOULD BE MONITORED AND CONTROLLED.

THIS PRODUCT IS AN INORGANIC SUBSTANCE AND DOES NOT MEET THE CRITERIA FOR PBT OR vPvB IN ACCORDANCE WITH ANNEX XIII OF REACH. THIS PRODUCT SHOULD BE HANDLED WITH CARE TO AVOID DUST GENERATION.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

KAOLIN CAS No. 1332-58-7 KAOLIN light 100%
MAY CONTAIN <0.3% TETRASODIUM PYROPHOSPHATE (CAS 7722-88-5) AS DISPERSING AGENT
KAOLIN CONTAINS LESS THAN 1% QUARTZ (RESPIRABLE)
THIS PRODUCT IS EXEMPTED FROM REACH REGISTRATION IN ACCORDANCE WITH ANNEX V.7

SECTION 4. FIRST-AID MEASURES

4.1 GENERAL INDICATIONS

NEVER PROVIDE DRINK OR INDUCE VOMITING IN THE EVENT OF LOSS OF CONSCIOUSNESS.

4.2 INHALATION

MOVE PERSON TO FRESH AIR.

4.3 CONTACT WITH THE SKIN

WASH WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING.

4.4 EYES

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

4.5 SWALLOWING

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

SECTION 5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

AS APPROPRIATE TO THE ENVIRONMENT.

5.2 FIRE-FIGHTING MEANS WHICH MUST NOT BE USED

NO SPECIFIC DATA

5.3 SPECIAL RISKS

INCOMBUSTIBLE

5.4 PROTECTIVE EQUIPMENT

SUITABLE CLOTHING AND FOOTWEAR

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 INDIVIDUAL PRECAUTIONS

DO NOT INHALE THE DUST.

6.2 PRECAUTIONS FOR CARE OF THE ENVIRONMENT

AVOID POLLUTION OF THE SOIL, WATER SUPPLIES AND DRAINS.

6.3 METHODS FOR COLLECTION / CLEANING

COLLECT UP AND DEPOSIT IN WASTE CONTAINERS FOR DISPOSAL.

CHEMICAL SAFETY GOGGLES.

USE PROTECTIVE CLOTHING, GLOVES AND MASK.

SECTION 7. HANDLING AND STORAGE

7.1 HANDLING

NO SPECIAL REQUIREMENTS.

7.2 STORAGE

KEEP CONTAINER TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 TECHNICAL PROTECTIVE MEASURES

DO NOT INHALE DUST.

8.2 EXPOSURE LIMIT CONTROL

SILICA, RESPIRABLE CRYSTALLINE TWA 0.3MG/M3

TETRASODIUM PYROPHOSPHATE TWA 5MG/M3

KAOLIN TWA 2MG/M3

8.3 RESPIRATORY PROTECTION

IF DUST FORMS, USE SUITABLE RESPIRATORY PROTECTION.

8.4 HAND PROTECTION

USE SUITABLE GLOVES

8.5 EYE PROTECTION

USE CHEMICAL SAFETY GOGGLES.
8.6 INDIVIDUAL HYGIENE MEASURES
REMOVE CONTAMINATED CLOTHING. WASH HANDS.
CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
SAFETY SHOWER AND EYE BATH.
WASH THOROUGHLY AFTER HANDLING.
IN CASE OF PROLONGED EXPOSURE TO AIRBORNE DUST CONCENTRATIONS, WEAR
RESPIRATORY PROTECTIVE EQUIPMENT THAT COMPLIES WITH EUROPEAN OR NATIONAL
LEGISLATION.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR
WHITE SOLID
INSOLUBLE IN WATER

SECTION 10. STABILITY AND REACTIVITY

10.1 CONDITIONS WHICH SHOULD BE AVOIDED
STABLE
10.2 MATTER WHICH SHOULD BE AVOIDED
NO SPECIFIC DATA
10.3 HAZARDOUS DECOMPOSITION PRODUCTS
NO SPECIFIC DATA
10.4 COMPLEMENTARY INFORMATION
PROTECT FROM MOISTURE.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS
LD50 NOT AVAILABLE
CHRONIC TOXICITY
PROLONGED OR MASSIVE EXPOSURE TO RESPIRABLE DUST MAY HAVE ADVERSE
LUNG EFFECTS. DUE TO ITS QUARTZ CONTENT EXCESSIVE EXPOSURE TO KAOLIN DUST
MAY NOTABLY CAUSE PULONARY FIBROIS AND SILICOSIS. THERE IS SOME SCIENTIFIC
DEBATE ABOUT THE POSSIBLE CARCINOGENICITY OF QUARTZ. HOWEVER ACCORDNG TO
CURRENT INFORMATION WORKER PROTECTION AGAINST SILICOSIS WOULD BE
CONSISTENTLY ASSURED BY RESPECTING PRESENT REGULATORY OCCUPATIONAL
LIMITS.

SECTION 12. ECOLOGICAL INFORMATION

12.1 TOXICITY
NOT RELEVANT AS THIS IS A NATURALLY OCCURING MINERAL.
12.2 PERSISTENCE AND DEGRADABILITY
DATA NOT YET AVAILABLE.
12.3 BIOACCUMULATIVE POTENTIAL
DATA NOT AVAILABLE
12.4 MOBILITY IN SOIL
DATA NOT AVAILABLE
12.5 ASSESSMENT PBT AND MPMB
DATA NOT AVAILABLE
12.6 OTHER EFFECTS ON THE ENVIRONMENT
NO DATA.

SECTION 13**DISPOSAL CONSIDERATIONS**

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14**TRANSPORT INFORMATION**

NOT RESTRICTED FOR TRANSPORT

SECTION 15.**REGULATORY INFORMATION**

NOT CLASSIFIED UNDER EU REGULATIONS.
THIS PRODUCT IS EXEMPTED FROM REACH REGISTRATION IN ACCORDANCE WITH ANNEX V.7

SECTION 16.**OTHER INFORMATION**

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SURECHEM PRODUCTS SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE CATALOGUE FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

GHS VERSION 3a RW 28.05.20 REPLACES GHS VERSION 3 NGT 18.12.19 REPLACES GHS VERSION 2 DATED 15.05.13 WHICH REPLACE DSK VERSION 1 DATED 22.06.09 ORIGINALLY BASED ON NOIBLA UPDATED TO GHS WITH NEWACSOB.
REFORMATTED FOR VERSION 4 BUT NO SIGNIFICANT CHANGES.
SECTION 3 EXPANDED FOR VERSION 3a