

**EXPEDITION DATE**  
JANUARY 8th, 2021

**REVISION DATE**  
JANUARY 11th, 2021

### SECTION I.- GENERAL DATA OF THE RESPONSIBLE FOR THE CHEMICAL SUBSTANCE

**1.- NAME OF THE MANUFACTURER OR IMPORTER:**

ZEOLITECH S. DE R.L. DE C.V.

**2.- IN CASE OF EMERGENCY NOTIFY:**

**OFFICE:** CUERNAVACA, MORELOS, MEXICO  
+ 52 777.243.7595 o 777.243.9779  
**PLANT:** ZIMAPÁN, HIDALGO, MEXICO  
+ 52 777.298.0259

**3.- COMPLETE ADDRESS:**

<b>STREET</b> PRIVADA DE LILAS	<b>No.</b> 7	<b>SUBURB</b> BELLAVISTA	<b>POSTAL CODE</b> 62140
<b>LOCALITY</b> CUERNAVACA	<b>STATE</b> MORELOS	<b>COUNTRY</b> MEXICO	

### SECTION II.- GENERAL DATA OF THE CHEMICAL SUBSTANCE

**1.- COMMERCIAL NAME**

ZEOMIN®

**2.- FORMULA**

(NaCl)<sub>5</sub>(K,Mg,Ca)<sub>3</sub>(Al<sub>2</sub>O<sub>3</sub>)<sub>2</sub> 2SiO<sub>2</sub>F<sub>0.5</sub>(PO<sub>4</sub>)<sub>5</sub> · 2H<sub>2</sub>O

**3.- CLASS AND SUBCLASS**

MINERAL SALTS MIXTURE

**4.- GROUP**

MINERAL SALTS

**5.- DOSAGE**

3 - 5 kg per ton of feed

**6.- LIVESTOCK REGISTRY**

DEREGULATED PRODUCT

### SECTION III.- DANGEROUS COMPONENTS AND REACTIVITY DATA

**1.- COMPONENTS PERCENTAGE AND NAME**

19.50% NaCl	Sodium chloride
15.25% P <sub>2</sub> O <sub>5</sub>	Phosphorus pentoxide
23.30% CaO	Calcium oxide
2.60% MgO	Magnesium oxide
2.10% Fe <sub>2</sub> O <sub>3</sub>	Iron oxide
27.50% Al <sub>2</sub> O <sub>3</sub> 2SiO <sub>2</sub> · 2H <sub>2</sub> O	Hydrated aluminium-silicate

**2.- CAS No.**

7647-14-5  
1314-56-3  
1305-78-8  
1309-48-4  
1309-37-1  
1332-58.7

**3.- DANGER DEGREE:**

<b>3.1.- HEALTH</b>	<b>3.2.- FLAMMABILITY</b>	<b>3.3.- REACTIVITY</b>
1	0	0

**4.- SUBSTANCE:**

STABLE

UNSTABLE

**5.- CONDITIONS TO AVOID:**

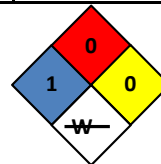
HUMMIDITY

**6.- INCOMPATIBLY WITH OTHER SUBSTANCES:**

HIGHLY OXYDATING AGENTS

**7.- HAZARDOUS DECOMPOSITION PRODUCTS:**

CARBON MONOXIDE (CO), CARBON DIOXIDE (CO<sub>2</sub>), SILICON DIOXIDE (SiO<sub>2</sub>)



### SECTION IV.- PHYSICAL PROPERTIES

**1.- RELATIVE DENSITY g/cm<sup>3</sup>:**

1.19 at 25 °C

**2.- MOLECULAR WEIGHT g/mol:**

NOT RELEVANT

**3.- POTENTIAL OF HYDROGEN (pH):**

8.59 at 20 °C (Saturated solution)

**4.- PHYSICAL STATE, COLOR AND ODOR:**

LIGHT BROWN POWDER, ODORLESS

### SECTION V.- TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY**

**SYMPTOMS OF EXPOSURE TO PRODUCT**

**FIRST AID**

<b>1.- ACCIDENTAL INGESTION</b>	PRODUCT OF LOW TOXICITY. CAN CAUSE IRRITATION OF THE MUCUS.	HYDRATE BODY WITH ENOUGH WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
<b>2.- EYE CONTACT</b>	CAN CAUSE TEAR UP, IRRITATION AND EVEN TEMPORAL PAIN	RINSE THOROUGHLY FOR 15 MINUTES, KEEPING EYELIDS OPEN. IF IRRITATION PERSISTS, CONSULT YOUR DOCTOR.
<b>3.- SKIN CONTACT</b>	CAN CAUSE DRYNESS AND ITCHING. CAN AGGRAVATE PREVIOUS SKIN CONDITIONS.	WASH AFFECTED AREA WITH WATER AND SOAP. IF THE IRRITATION PERSISTS, CONSULT YOUR DOCTOR.
<b>4.- SKIN ABSORPTION</b>	N/A	N/A
<b>5.- INHALATION</b>	CAN CAUSE IRRITATION ON MUCUS AND THROAT. OVER LONG EXPOSURE PERIODS CAN CAUSE SILICOSIS. CAN AGGRAVATE PREVIOUS LUNG CONDITIONS.	MOVE TO A VENTILATED AREA. IF BREATHING DIFFICULTY PRESENTED, USE OXIGEN MASKS AND SEEK MEDICAL ATTENTION.

### SECTION VI.- LEAKAGE OR SPILL INDICATIONS:

USE THE PROPER TOOLS NECESSARY TO PLACE THE PRODUCT IN AN APPROPRIATE CONTAINER. WASH WITH WATER THE STORAGE AREA AND DISPOSE THE WASTE ACCORDING TO LOCAL NORMATIVITY.

### SECTION VII.- PERSONAL PROTECTION EQUIPMENT:

**1.- SPECIFY TYPE:**

EYE GOGGLES, BREATHING MASK, APPROPRIATE FOOTWEAR AND CLOTHING.

**2.- HYGIENE PRACTICES:**

WASH YOUR HANDS AND FACE AFTER HANDLING THE PRODUCT AND BEFORE INGESTING FOOD OR BEAVERAGES.

### SECTION VIII.- SPECIAL SHIPPING INFORMATION (According to transportation regulations):

**Material classified as:**

NOT HAZARDOUS

**Pictogram:**

**Secondary danger:**

N/A

**UN:**

N/A

**Container / packaging:**

25kg polyethylene degradable sack

**NFPA:**

N/A

