

## ZN ACID FAST STAIN KIT

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** ZN ACID FAST STAIN KIT

- i) Acid Fast decolourizer
- ii) Strong Carbol Fuchsin (ZN)
- iii) Loeffler's Methylene Blue

**Product Code:** TK 001

**CAS#:** Not available

**CI#:** Not available

**Synonym:** Not available

**Chemical Name:** Not available

**Chemical Formula:** Not available

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

**Name:** ZN ACID FAST STAIN KIT

**Toxicological Data on Ingredients:** Not available

### SECTION 3: HAZARDS IDENTIFICATION

**Classification according to Regulation (EC) No 1272/2008**

Not available (Category 2), Not available (Category 2), H111 Hazard (Category 2), H111 Flammable  
H202 (Category 2), Not available (Category 2), H302 (Category 2), H311 Hazard (Category 2), H311 Flammable  
**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of  
ingestion, of inhalation.

**Carcinogenic Effects:** Not available

**Mutagenic Effects:** Not available

**Teratogenic Effects:** Not available

**Developmental Toxicity:** Not available

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Warm water must be used. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Serious Skin Contact:** Not available

**Inhalation:** After inhalation: fresh air.

**Serious Inhalation:** Not available

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.



**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not available.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks.

**Fire Fighting Media and Instructions:**

**Small Fire:** Use DRY chemical powder.

**Large Fire:** Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** As with most organic solids, fire is possible at elevated temperatures

**Special Remarks on Explosion Hazards:**

Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

**Storage conditions**

Store in tightly closed container in a cool, & dry place.

**Storage class**

Not available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: Liquid.
<b>Odour</b>	: Not Available
<b>Taste</b>	: Not Available



<b>Molecular Weight</b>	: Not Available
<b>Colour</b>	: Not Available
<b>pH</b>	: Not Available
<b>Boiling Point</b>	: Not Available
<b>Melting Point</b>	: Not Available
<b>Critical Temperature</b>	: Not Available
<b>Relative Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Available
<b>Vapor Density</b>	: Not Available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Ionicity (in Water)</b>	: Not Available
<b>Dispersion Properties</b>	: Not Available
<b>Solubility</b>	: Soluble in Water

### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is chemically stable at temperature mentioned on label.

**Instability Temperature:** Not available

**Conditions of Instability:** Excess heat, dust generation

**Incompatibility with various substances :** Reactive with oxidizing agents.

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not Available

**Special Remarks on Corrosivity:** Not Available

**Polymerization:** Not Available

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicity to Animals:**

**Acute toxicity**

Oral: No data available

**Symptoms:** Not Available

**Serious eye damage/eye irritation** Not Available

**LD<sub>50</sub>:** - Not Available

**LC<sub>50</sub>:** Not Available

**Chronic Effects on Humans:** Not Available

**Other Toxic Effects on Humans:** : Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals:** Not Available

**Special Remarks on Chronic Effects on Humans:** Not Available

**Special Remarks on other Toxic Effects on Humans:** Not Available

**Potential Health Effects:** No acute exposure studies were found for ZN ACID FAST STAIN KIT in humans. The dust is predicted to be irritating to the eyes, skin, and respiratory tract from mechanical action. Inhalation of ZN ACID FAST STAIN KIT aerosols may cause pulmonary edema. It may cause occupational asthma from pulmonary sensitization. Acute ingestion may affect the liver (fatty liver degeneration).

### SECTION 12: ECOLOGICAL INFORMATION

**Eco toxicity:**

**Mixture**

Not Available

**BOD and COD:** Not available



**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** Not available

**Special Remarks on the Products of Biodegradation:** Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION

**UN number**

ADR/RID:

IMDG:

IATA:

**UN proper shipping name**

ADR/RID: Chemical Kit

IMDG: Chemical Kit

IATA: Chemical Kit

**Transport hazard class(es)**

ADR/RID:

IMDG:

IATA:

**Packaging group**

ADR/RID:

IMDG:

IATA:

**Environmental hazards**

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

**Special precautions for user**

No data available

### SECTION 15: OTHER REGULATORY INFORMATION

**Federal and State Regulations:** TSCA 8(b) inventory: ZN ACID FAST STAIN KIT.

**Other Regulations:** Not available.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):** Not applicable.

**HMIS (U.S.A.):**

**Health Hazard:** 1

**Fire Hazard:** 1

**Reactivity:** 0

**Personal Protection:** E

**National Fire Protection Association (U.S.A.):**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

**Specific hazard:**

**Protective Equipment:**

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.



**SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements.**

Not available

**Other Special Considerations:** Not available

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