

VIR-TREAT SCALE/CORROSION INHIBITOR PART A

Material Safety Data Sheet

SECTION I - COMPANY IDENTIFICATION

PRODUCT: VIR-TREAT SCALE/CORROSION INHIBITOR PART A

CAT. NO.: VIR-TREAT A

DISTRIBUTED BY:

Virginia KMP Corporation
4100 Platinum Way
Dallas, Texas 75237

TELEPHONE NUMBERS:

Office: 1-(214) 330-7731
Emergency Only: 1-(800) 424-9300

SECTION II - HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)

EXPOSURE LIMITS: 8 HR. TWA

OSHA PEL

ACGIH TLV

Sodium poly acrylate (CAS# 9003-04-7)

NE

NE

Zinc sulfate (CAS# 7733-02-0)

NE

NE

Sodium molybdate (CAS# 7631-95-0)

NE

NE

Sodium bicarbonate (CAS# 144-55-8)

NE

NE

SECTION III - HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW: CAUTION! Avoid inhaling dust. Will cause irritation.

POTENTIAL HEALTH EFFECTS:

INHALATION: Possible irritant (dust).

EYE CONTACT: Causes eye irritation.

SKIN CONTACT: Causes skin irritation.

INGESTION: Possible irritant to mouth and stomach.

CHRONIC Effects: None established.

NOTE:

CARCINOGENICITY: LISTED IN NTP? No

IARC? No

OSHA Regulated? No

SECTION IV - FIRST AID MEASURES

INHALATION: Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.

EYE CONTACT: Flush eyes with water for 15 minutes. Get medical attention if symptoms develop and persist.

SKIN CONTACT: Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.

INGESTION: Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

SECTION V - FIRE FIGHTING MEASURES

FLASHPOINT (TEST METHOD): None

FLAMMABLE LIMITS: LOWER: NA

UPPER: NA

AUTOIGNITION TEMPERATURE: NA

GENERAL HAZARD:

FIRE FIGHTING INSTRUCTIONS: Approach fire from upwind side. Avoid breathing smoke, fumes, mist or vapors on the downwind side. Firefighters wear protective clothing and self contained breathing apparatus.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding conditions.

HAZARDOUS COMBUSTION PRODUCTS: From combustion: smoke, carbon monoxide, carbon dioxide and sulfur oxide.

SECTION VI - ACCIDENTAL RELEASE MEASURES

LAND SPILL: Sweep up spills and place in containers for disposal. Avoid creating dust.

WATER SPILL: Notify proper authorities.

SECTION VII - HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section IV. Launder contaminated clothing before reuse.

STORAGE: Follow normal storage practices. No special storage requirements necessary.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust and mechanical ventilation recommended.

PERSONAL PROTECTION: Chemical goggles or full face shields, gloves, boots and aprons to protect against spills and splashes.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NA

SPECIFIC GRAVITY (H₂O=1): 0.96

SOLUBILITY IN WATER: Soluble

pH: ND

BOILING POINT: NA

APPEARANCE & ODOR: Odorless white powder.

VAPOR DENSITY (Air=1): NA

EVAPORATION RATE (BuAc=1): NA

VOC (G/L): 0

FREEZING POINT:

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: NA

MATERIALS TO AVOID: Acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion products and oxides of sulfur, zinc and sodium.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Sodium molybdate
Zinc sulfate

LD50: 576 mg/kg (ipr - rat)
TDL₀: 45 mg/kg

SECTION XII - ECOLOGICAL INFORMATION

Zinc sulfate is harmful to aquatic life in low concentrations. Zinc sulfate 0.3 mg/L / as Zn / 120 hr / stickleback / lethal
4 - 6 ppm / 96 hr / rainbow trout / LC 50 / Fresh water

SECTION XIII - DISPOSAL CONSIDERATIONS

Place in container for proper disposal. Follow all local, state and federal regulations.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not regulated.

HAZARD CLASS: NA

IDENTIFICATION NUMBER: NA

DOT Emergency Guide #: NA

Reportable Quantity (RQ): NA

International: NA

SECTION XV - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act): Reportable quantity is 1000 lbs. (Zinc sulfate).
Contact local authorities for other reporting requirements.

SARA TITLE III (Superfund Amendments and Reauthorization Act): Zinc compounds 25 - 30%

CALIFORNIA PROPOSITION 65: Not listed.

SECTION XVI - OTHER INFORMATION

State Right-to-Know Programs:

NFPA Ratings

Health: 1

Flammability: 0

Reactivity: 0

HMIS Protective Equipment: X See your supervisor

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