

MATERIAL SAFETY DATA SHEET
SULFATE SCALE INHIBITOR PELLETS

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SECTION I - IDENTIFICATION

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COMPANY NAME..... JACAM CHEMICALS, L.L.C.
 EMERGENCY PHONE NUMBER... CHEMTREC 1-800-424-9300
 EFFECTIVE DATE..... 04-12-1994, Original issue
 REVISED DATE..... 05-25-1995, Supercedes issue of 04-12-1994
 PRODUCT IDENTIFIER..... SS PELLETS GYPSUM SCALE
 TRADE NAME..... SULFATE SCALE INHIBITOR PELLETS
 CHEMICAL FAMILY..... OXYALKYLATED RESINS
 CHEMICAL FORMULA..... PROPRIETARY INFORMATION

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SECTION II - HAZARDOUS INGREDIENTS

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HAZARDOUS INGREDIENTS	HAZARDOUS INGREDIENT PERCENT	TLV (Units)	HAZARDOUS INGREDIENT CAS/NA/UN NUMBERS
ORGANOPHOSPHONAT/ACRYLATE	**	Not Established (N/E)	6419-19-3
OXYALKYLATED RESINS	**	N/E	9016-45-9

**Proprietary Data

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SECTION III - PHYSICAL DATA

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BOILING POINT..... Not Applicable (N/A)
 FREEZING POINT..... N/A
 VOLATILITY/VOL(%)..... N/A
 MELTING POINT..... 130 - 140 F.
 VAPOR PRESSURE..... N/A
 VAPOR DENSITY (air=1).... N/A
 SOLUBILITY IN H2O..... Complete
 ODOR AND APPEARANCE..... Alcohol odor/Solid, red waxy pellets
 SPECIFIC GRAVITY..... Calc. 1.61
 EVAPORATION RATE..... N/A
 PH..... Not Determined (N/D)

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASHPOINT AND METHOD OF DETERMINATION..... >300 F
LOWER EXPLOSION LIMIT(% BY VOL)..... N/E
UPPER EXPLOSION LIMIT(% BY VOL)..... N/E

MEANS OF EXTINCTION..... Water fog, carbon dioxide, dry chemical, foam
FOR FIRE..... Treat as an oil fire. Wear complete personal protective equipment and use a positive-pressure NIOSH/MSHA-approved self-contained breathing apparatus. Keep upwind.

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SECTION V - HEALTH HAZARD DATA
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ODOR THRESHOLD..... N/D

ACUTE OVER EXPOSURE EFFECTS..... SKIN: Irritation, redness, swelling.
EYES: Will cause severe damage.
INHALATION: Irritation to nose, throat, and lungs.
INGESTION: Irritation of mouth and stomach.

SPECIFIC FIRST AID PROCEDURES..... SKIN: Immediately remove contaminated clothing and shoes. Wash affected area with plenty of soap and water. If irritation persists, obtain medical attention. Launder clothing and clean shoes before reuse.
EYES: Immediately flush with plenty of water for at least 15 minutes, retracting lids frequently. Obtain immediate medical attention, preferably by an ophthalmologist.
INHALATION: Remove to fresh air immediately. Give oxygen or artificial respiration as needed. If symptoms persist, obtain medical attention.
INGESTION: DO NOT INDUCE VOMITING. Obtain immediate medical attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration.

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SECTION VI - REACTIVITY DATA
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CHEMICAL STABILITY..... Stable
CONDITIONS OF REACTIVITY. Heat and open flames

INCOMPATIBLE MATERIALS... Strong acids, alkalis, and oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS..... Carbon monoxide, oxides of nitrogen, ammonia
PRODUCTS.....

HAZARDOUS POLYMERIZATION. Will not occur
POLYMERIZATION AVOID..... N/A

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SECTION VII - SPILL OR LEAK PROCEDURE
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LEAK AND SPILL PROCEDURES Avoid skin contact. Wearing gloves, sweep up and return to container for future use. If contamination prevents reuse of product, dispose of in DOT-approved waste containers.

WASTE DISPOSAL..... Dispose of in accordance with applicable local, state and federal regulations. Not an RCRA hazardous waste.

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SECTION VIII - SPECIAL PROTECTION
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RESPIRATORY PROTECTION... In case of insufficient ventilation, wear suitable respiratory equipment.
VENTILATION..... Special ventilation may be required if operating conditions result in release of vapors exceeding PEL/TLV.

PROTECTIVE GLOVES..... Impervious PVC-coated, rubber, or neoprene.
EYE PROTECTION..... Chemical splash goggles, with full face shield in high exposure situations. DO NOT wear contact lenses.
OTHER PROTECTIVE EQUIPMENT..... Wear suitable protective clothing.

HANDLING PROCEDURES AND EQUIPMENT..... In case of accident or if you feel ill, seek medical advice immediately.

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SECTION IX - SPECIAL PRECAUTIONS
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HAZARD CLASS..... Not D.O.T. Regulated
DOT SHIPPING NAME..... N/A NON-HAZARDOUS
REPORTABLE QUANTITY (RQ). N/A
UN NUMBER..... N/A
NA #..... N/A
PACKAGING SIZE..... 25 lb. pails/30 lb. coolers

FOOT NOTES

NFPA CLASSIFICATION: HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 0
SPECIFIC HAZARD: N/A

REFERENCES

----- N O T I C E -----

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* * * END OF MSDS * * *