

MATERIAL SAFETY DATA SHEET

FEBAN IRON STABILIZER 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..... 08-19-1998, Original issue
REVISED DATE..... 06-09-1999, Supercedes issue of 08-19-1998
PRODUCT IDENTIFIER..... FEBAN PELLETS
TRADE NAME..... FEBAN IRON STABILIZER 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
TRADE SECRET	**	Not Established (N/E)	**
TRADE SECRET	**	2mg/m3	**
TRADE SECRET	**	6mg/m3	**

**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..... No appreciable odor/Solid, white waxy pellets
SPECIFIC GRAVITY..... N/A
EVAPORATION RATE..... N/A
pH..... N/A

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA
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FLASHPOINT AND METHOD OF DETERMINATION..... > 400 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 of nose, throat, and lungs.
INGESTION: Irritation of mouth and stomach.

SPECIFIC FIRST AID PROCEDURES..... SKIN: Immediately remove contaminated clothing and shoes. Wash 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. Direct sunlight, heat, open flames, moisture and/or humidity, and contact with incompatible materials.

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

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 Wearing gloves to prevent skin contact, sweep up and recover in containers for future use. If contamination interferes with usefulness of product, dispose of in DOT-approved waste containers.

WASTE DISPOSAL..... Dispose of in accordance with applicable local, state and federal regulations.

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SECTION VIII - SPECIAL PROTECTION
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RESPIRATORY PROTECTION... In case of melted product producing vapors combined with insufficient ventilation, wear NIOSH/MSHA-approved self-contained breathing apparatus.

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..... Safety glasses. DO NOT wear contact lenses.
OTHER PROTECTIVE EQUIPMENT..... Wear suitable protective clothing.

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HANDLING PROCEDURES AND EQUIPMENT..... Keep out of reach of children. Avoid personal contact with product, and inhalation of vapors produced by heated or melted product. Wear appropriate personal protective equipment and clothing. Store in tightly-closed containers in a cool, dry area away from direct sunlight, sources of ignition, and incompatible materials. Keep tightly closed when not in use.

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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: 1
SPECIFIC HAZARD: N/A

REFERENCES

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

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* * * END OF MSDS * * *