

MATERIAL SAFETY DATA SHEET

SYSTEM SAVER BARIUM PELLETS

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SECTION I - IDENTIFICATION
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COMPANY NAME..... JACAM CHEMICALS, L.L.C.
EMERGENCY PHONE NUMBER... CHEMTREC 800/424-9300
EFFECTIVE DATE..... 09-21-1992, Original issue
REVISED DATE..... 05-15-1995, Supercedes issue of 10-25-1994
PRODUCT IDENTIFIER..... BS PELLETS BARIUM SULFATE SCALE
TRADE NAME..... SYSTEM SAVER BARIUM PELLETS
CHEMICAL FAMILY..... POLYACRYLIC ACID
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
POLYACRYLIC ACID	**	Not Determined (N/D)	9003-01-4
NONYLPHENOL	**	Not Established (N/E)	9016-45-0

**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, waxy purple pellets
SPECIFIC GRAVITY..... Calc. 1.20
EVAPORATION RATE..... N/A
pH..... 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 EXTINGUISHMENT..... 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 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: Severe tissue damage.
INHALATION: Unlikely at normal operating temperatures. Melted product's vapors could cause irritation of respiratory tract.
INGESTION: Irritation of digestive tract.
SPECIFIC FIRST AID PROCEDURES..... SKIN: Immediately wash with soap and water. If irritation persists, obtain medical attention.
EYES: Immediately flush with plenty of water for at least 15 minutes, retracting lids frequently. Obtain immediate medical attention.
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. If victim is drowsy or unconscious, lay on left side with head below hip level.

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SECTION VI - REACTIVITY DATA
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CHEMICAL STABILITY..... Stable
CONDITIONS OF REACTIVITY. Heat, open flames, direct sun, high humidity,
moisture.

INCOMPATIBLE MATERIALS... Strong acids, alkalis, oxidizers.
HAZARDOUS DECOMPOSITION Carbon monoxide, nitrous oxides, 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 Wearing gloves to avoid personal contact, sweep up and
return to container for future use. If contaminants
render product useless, place in DOT-approved waste
containers for disposal.
WASTE DISPOSAL..... Dispose of in accordance with all applicable local,
state, and federal regulations.

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SECTION VIII - SPECIAL PROTECTION
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RESPIRATORY PROTECTION... None needed at ambient temperatures. At elevated
temperatures, use a 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 or goggles. DO NOT wear contact
lenses.
OTHER PROTECTIVE
EQUIPMENT..... Wear suitable protective clothing.

HANDLING PROCEDURES AND
EQUIPMENT..... Avoid personal contact with product; use protective
equipment. Store in tightly closed containers in a
cool, dry area away from heat, direct sun, and
incompatible materials. Keep containers 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: 0
SPECIFIC HAZARD: N/A

REFERENCES

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

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* * * END OF MSDS * * *