

MATERIAL SAFETY DATA SHEET

WATER TREATING 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..... 03-1989, Original issue
REVISED DATE..... 05-26-1995, Supersedes issue of 10-19-1994
PRODUCT IDENTIFIER..... WT PELLETS WATER TREATMENT
TRADE NAME..... WATER TREATING PELLETS
CHEMICAL FAMILY..... ALKYLDIAMINE ACETATE
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
ALKYLTRIMETHYLENE DIAMINE	**	Not Established (N/E)	61791-63-7
ACETIC ACID	**	10ppm	64-19-7
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, white waxy pellets
SPECIFIC GRAVITY..... Calc. 1.20
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/D
UPPER EXPLOSION LIMIT(% BY VOL)..... N/D

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-approved self-contained breathing apparatus. Keep upwind. Avoid spreading burning material with direct water stream.

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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. Uncontrolled or prolonged exposure may result in tissue damage.

EYES: Uncontrolled or prolonged exposure may result in severe damage, possibly blindness.

INHALATION: Not expected at ambient temperatures. Vapors of melted product are corrosive and inhalation could cause serious damage to mucous membranes of respiratory tract, coughing, chest pains, delayed breathing difficulties.

INGESTION: May cause severe injury characterized by severe pain throughout digestive tract, salivation, nausea, vomiting, diarrhea, respiratory and circulatory collapse, uremia, possibly followed by death.

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SPECIFIC FIRST AID
PROCEDURES.....

SKIN: Immediately rinse affected area while removing contaminated clothing and shoes if exposure is extensive. Wash with mild soap and water. If symptoms persist, 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. Obtain immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING. If conscious and alert, rinse mouth and give plenty of milk, water, water with milk of magnesia, or olive oil to drink to dilute stomach contents. Obtain immediate medical attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration, rinse mouth, and give liquids again. Never attempt to give anything by mouth to an unconscious or convulsing person. If unconscious, place victim on left side with head below hip level. Keep victim warm and do not leave unattended.

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SECTION VI - REACTIVITY DATA
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CHEMICAL STABILITY..... Stable
CONDITIONS OF REACTIVITY. Heat, direct sunlight, open flames, moisture, and excess humidity.

INCOMPATIBLE MATERIALS... Strong acids, strong oxidizers, strong reducing agents, and alkalies.
HAZARDOUS DECOMPOSITION PRODUCTS..... Carbon monoxide, carbon dioxide, oxides of nitrogen, ammonia

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... Under ambient temperatures no respiratory protection should be necessary. If product is melted and remains at high temperatures, vapors may be generated which necessitate the use of a suitable NIOSH/MSHA-approved self-contained breathing apparatus.

VENTILATION..... None required at ambient temperatures. At elevated temperatures in a confined area 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..... None needed at ambient temperatures. If operating conditions result in product melting to liquid, chemical splash goggles with full face shield should be worn.

OTHER PROTECTIVE EQUIPMENT..... Wear suitable protective clothing.

HANDLING PROCEDURES AND EQUIPMENT..... Store in cool, dry area away from heat, direct sun. Keep containers tightly closed when not in use. Use only as directed. Avoid personal contact and inhalation of vapors of melted product.

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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

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FOOT NOTES

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

REFERENCES

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

All information provided in this Material Safety Data Sheet (MSDS) is based upon data obtained from the manufacturer and/or recognized technical sources and is believed to be reliable as of the date hereof. JACAM Chemicals, L.L.C. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness. Conditions of use are beyond JACAM's control and therefore users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular circumstances. Users assume all risks of the use, handling, and disposal of this product, or from the publication or use of, or reliance upon, information contained herein. This MSDS relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. JACAM knows of no medical condition, other than those noted in this MSDS, which are generally recognized as being aggravated by exposure to this product.

* * * END OF MSDS * * *