

MATERIAL SAFETY DATA SHEET

SOAP PELLETS

=====
SECTION I - IDENTIFICATION
=====

COMPANY NAME..... JACAM CHEMICALS, L.L.C.
EMERGENCY PHONE NUMBER... CHEMTREC 1-800-424-9300
EFFECTIVE DATE..... 04-12-1994, Original issue
REVISED DATE..... 11-13-1998, Supercedes issue of 06-01-1995
PRODUCT IDENTIFIER..... SOAP PELLETS
TRADE NAME..... SOAP PELLETS
CHEMICAL FAMILY..... OXYALKYLATED RESINS
CHEMICAL FORMULA..... PROPRIETARY INFORMATION

=====
SECTION II - HAZARDOUS INGREDIENTS
=====

HAZARDOUS INGREDIENTS	HAZARDOUS INGREDIENT PERCENT	TLV (Units)	HAZARDOUS INGREDIENT CAS/NA/UN NUMBERS
OXYALKYLATED RESINS	**	Not Established (N/E)	12087-87-0

**Proprietary Data

=====
SECTION III - PHYSICAL DATA
=====

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..... Surfactant odor/Solid, white waxy pellets
SPECIFIC GRAVITY..... N/A
EVAPORATION RATE..... N/A
pH..... N/A

MATERIAL SAFETY DATA SHEET

SOAP PELLETS

=====
SECTION IV - FIRE AND EXPLOSION HAZARD DATA
=====

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/MSHA-approved self-contained breathing apparatus. Keep upwind.
.....

=====
SECTION V - HEALTH HAZARD DATA
=====

ODOR THRESHOLD..... Not Determined

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 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.

MATERIAL SAFETY DATA SHEET

SOAP PELLETS

=====
SECTION VI - REACTIVITY DATA
=====

CHEMICAL STABILITY..... Stable
CONDITIONS OF REACTIVITY. Heat and open flames

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

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

=====
SECTION VII - SPILL OR LEAK PROCEDURE
=====

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. Product is not RCRA
hazardous waste.

=====
SECTION VIII - SPECIAL PROTECTION
=====

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

HANDLING PROCEDURES AND EQUIPMENT..... Use gloves when handling and avoid personal contact
with product. Store in tightly closed containers in
a cool, dry area away from heat, sparks, flames,
direct sunlight, and incompatible materials. Keep
containers tightly closed when not in use.

MATERIAL SAFETY DATA SHEET

SOAP PELLETS

=====
SECTION IX - SPECIAL PRECAUTIONS
=====

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: 1
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 * * *