Kel-Crete Industries, Inc.
PO Box 52217
Tulsa, OK 74152-0217

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Kel-Crete Premium Super Dry

Supplier **Kel-Crete Industries, Inc.**
PO Box 52217
Tulsa, OK 74152-0217

For non-emergency information contact: 918-744-0800, 800845-1833

Emergency telephone number: 918-744-0800
Spill Emergency 918-744-0800
Health Emergency 918-744-0800

Product Name:	Kel-Crete Premium Super Dry
Manufacturer/Supplier	Kel-Crete Industries, Inc.
Synonym (s)	Sodium Resinate (wood resin)
Molecular Formula	Not Applicable
Molecular Weight	Not Applicable
Product Use	Emulsifier
OSHA Status	Hazardous

2. COMPOSITION/INFORMATION ON INGREDIENTS

(Typical composition is given, and it may vary. A certificate of analysis can be provided, if available.)

Weight %	Component	CAS Registry No.
>75%	sodium salt of tall-oil	65997-01-5
<20%	resin and resin acids, sodium salt	61790-51-0
<5%	water	7732-18-5
<1%	additive (s)	proprietary

3. HAZARDS IDENTIFICATION

WARNING!
MAY CAUSE SKIN AND EYE IRRITATION
HMIS Hazard Ratings: Health-2, Flammability-1, Chemical Reactivity -0

HMIS rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.
Eyes: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical Attention.
Skin: Remove contaminated clothing and shoes. Wash with soap and water. If skin irritation or an

Allergic skin reaction develops, get medical attention. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Ingestion: Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

Extinguishing Media: dry chemical, water spray, carbon dioxide
Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
Hazardous Combustion Products: carbon dioxide, carbon monoxide, oxides of sodium
Unusual Fire and Explosion Hazards: Powdered material may form explosive dust-air mixtures.
Sensitivity to Static Discharge: Material may accumulate a static charge which could act as an ignition source.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment. Sweep up and place in a clearly labeled container for chemical waste.

7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.
Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. In the United States of America, refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries".
Storage: Keep container tightly closed in a cool, well ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Country specific exposure limits have not been established or are not applicable unless listed below.

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.
Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended Exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been Established), an approved respirator must be worn. In the United States of America, if respirators are used, A program should be instituted to assure compliance with OSHA Standard 63FR 1152, January 8, 1998. Respirator type: dust
Eye Protection: Wear safety glasses with side shields (or goggles).
Skin Protection: Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of Exposure. Contact health and safety professional or manufacturer for specific information.
Recommended Decontamination Facilities: eye bath, washing facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: solid (powder)
Color: dark brown
Odor: resin
Specific Gravity: 0.42 (25°C)
Solubility in Water: complete
pH: 9.1 – 9.4
Flash Point: not applicable, combustible solid
Thermal Decomposition Temperature: Thermal stability not tested. Low stability hazard expected at normal Operating temperatures.
Dust Explosion Class: St 1 – weak explosion
Kst Value: 124 bar.m/s

10. STABILITY AND REACTIVITY

Stability:	Not fully evaluated. Materials containing similar structural groups Are normally stable.
Incompatibility:	Material reacts with strong oxidizing agents.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Skin: Prolonged or repeated contact may cause skin sensitization in susceptible individuals.
Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

12. ECOLOGICAL INFORMATION

Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.
Oxygen Demand Data:
0.4 mg/g

13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate. Since emptied Containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMAITON

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or Origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information Specific to your situation.

DOT (USA) Class not regulated

Sea – IMDG (International Maritime Dangerous Goods) Class not regulated

Air – ICAO (International Civil Aviation Organization) Class not regulated

15. REGULATORY INFORMATION

SARA 311-312 Hazard Classification(s):
Immediate (acute) health hazard

SARA 313: none, unless listed below

Carcinogenicity Classification (components present at 0.1% or more): none, unless listed below

TSCA (US Toxic Substances Control Act): All components of this product are listed on the TSCA inventory. Any impurities present in the product are exempt from listing.

16. OTHER INFORMATION

The information contained herein is based on current knowledge and expedience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.