

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name: Kel-Crete Premium Super Dry Admixture

Product No: KCP1000SD-KECP10002GL

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Emulsifier

Uses advised against: None known

Details of the supplier of the safety data sheet

Manufacturer/Supplier

Kel-Crete Industries, Inc.

PO Box 52217

Tulsa, OK 74152-0217 US

1-800-845-1833

Visit our web site at "www:Kel-Crete.com", or email:kelcrete@sbcglobal.net

Emergency telephone number:

For emergency health, safety, and environmental information call 1-800-845-1833, or 1-918-744-0800.

For emergency transportation information in the US call 1-800-845-1833, or 1-918-744-0800.

SECTION 2: Hazards identification

Hazard classification:

Health hazards

Skin sensitizer

Category 1B

Skin corrosion/irritation

Category 2

Specific target organ toxicity-single exposure

Category 3

Serious eye damage/eye irritation

Category 2

Harmful if swallowed

Category 4

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Page 1.

SDUS

Version 3.2

Revision date: 1/15/15

OSHA Specified Hazards:

Combustible dust

May form combustible dust concentrations in air.

Warning label items including statement:

Pictogram:

Signal words:

WARNING!

Hazard Statement(s)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

May form combustible dust concentration in air.

Precautionary statement:

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces.
No smoking.

P243: Take precautionary measures against static discharge

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye

Protection/face protection.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

Page 2.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

P271: Use only outdoors or in a well-ventilated area.

**P272: Contaminated work clothing should not be allowed
Out of the workplace.**

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water

**P333+P313: If skin irritation or rash occurs: Get medical
Advice/attention.**

P362: Take off contaminated clothing and wash before reuse.

**P305+P351+P338: IF IN EYES: Rinse cautiously with water
For several minutes. Remove contact lenses if present
And easy to do. Continue rinsing.**

**P337+P313: If eye irritation persists: Get medical
Attention/advice.**

**P304+P340: IF INHALED remove victim to fresh air and
Keep at rest in a position comfortable for breathing.**

**P312: Call a POISON CENTER or doctor/physician if you
Feel unwell.**

Storage:

P405: Store locked up.

Disposal:

**P501: Dispose of contents/container to an appropriate
Treatment and disposal facility in accordance with
Applicable laws and regulations, and product char-
acteristics at time of disposal.**

Hazards not otherwise classified (HNOC): None known.

SECTION 3: Composition/information in ingredients

Substance/Mixtures

Page 3.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

General Information:

Chemical name	Concentration	Additional identification	Notes
Sodium salt of tall-oil	>75%	CAS-No. 65997-01-5	
Rosin and resin acids	<20%	CAS-No. 61790-51-0	
Sodium salt			
Water	<5%	CAS-No. 7732-18-5	
Additive(s)	<1%	CAS-No: proprietary	

*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
This substance has workplace exposure limit(s).

SECTION 4: First aid measures

Description of first aid measures

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if needed.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove

Contact lenses. Get medical attention if symptoms persist.

Skin contact: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation or an allergic skin reaction develops get medical attention. Wash contaminated clothing before use. Destroy or thoroughly clean contaminated shoes.

Ingestion: Seek medical advice.

Most important symptoms and effects, both acute and delayed: May irritate and cause redness and pain. Allergic rash. Respiratory tract irritation.

Indication of any immediate medical attention and special treatment needed:

Hazards: None known.

Treatment: Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards: Material can accumulate static charges which may cause an electrical spark (ignition)
Page 4.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Source). Use proper bonding and/or grounding procedures.

Extinguishable media: Water spray. Dry chemical. Carbon dioxide.

Suitable extinguishing media:

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture: Powdered material may form explosive dust/air mixtures.

Advice for firefighters

Special firefighting procedures: Minimize dust generation and accumulation.

Special protective equipment for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Person precautions, protective equipment and emergency procedures: Wear appropriate equipment.

Environmental precautions: Avoid release to the environment.

Methods and material for containment and cleaning up: Sweep up and place in a clearly labeled container for chemical waste. Large spillages: Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

Notification procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SECTION 7: Handling and storage:

Precautions for safe handling: Avoid breathing dust. Do not get in eyes, on skin, on clothing. Use only with adequate ventilation. Wash thoroughly after handling. Minimize dust generation and accumulation.

Conditions for safe storage, including any incompatibilities, specific end use(s): Keep container closed and in a well-ventilated place.
Emulsifier.

Precautions for safe handling: Avoid breathing dust. Do not get in eyes, on skin, on clothing. Use only with adequate ventilation. Wash thoroughly after handling. Minimize dust generation and accumulation.

Page 5.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Conditions for safe storage, including any incompatibilities: Keep container tightly close and in a well-ventilated place.

Specific end use(s): Emulsifier

SECTION 8: Controls/Personal Protection

Control parameters:

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

Exposure controls

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour)

Should be used. Ventilation rates should be matched to conditions. If applicable, use Process enclosures, local exhaust ventilation, or other engineering controls to maintain Airborne levels below recommended exposure limits. If exposure limits have not been Established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment:

General information: Eye bath. Washing facilities. Safety shower.

Eye/face protection: Wear safety glasses with side shields (or goggles) and a face shield. Wear a Full-face respirator if needed.

Skin protection: Wear chemical-resistant gloves, footwear, and protective clothing appropriate For the risk of exposure.

Hand protection: Health and safety professional or manufacturer for specific information.

Other: No data available.

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 if respirators are used A program should be instituted to assure compliance with OSHA Standard Assure Compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an Appropriate Government approved (where applicable), air-purifying filter, cartridge, or canister.

Page 6.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Contact health and safety professional or manufacturer for specific information.

Hygiene measures: Observe good industrial hygiene practices.

Environmental controls: No data available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Physical state: Solid

Form: Powder

Odor: Rosin

Odor threshold: Not determined

pH: 9.1-9.4

Boiling point: No data available

Flash point: Not applicable, combustible solid

Evaporation rate: Not determined

Flammability (solid, gas): No data available

Flammability limit-Upper (%): No data available

Flammability limit-Lower (%): No data available

Vapor pressure: Not determined

Vapor pressure (air=1): No data available

Specific gravity: 0.42 (25°C)

Solubility(ies)

Solubility in water: Completely soluble

Solubility (other): No data available

Partition coefficient (n-octanol/water) No data available

Autoignition temperature: No data available

Decomposition temperature: Thermal stability not tested. Low stability hazard expected at normal Operating temperatures.

Page 7.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Dynamic Viscosity: No data available.

Kinetic Viscosity: Not determined.

Explosive properties: No data available.

Other information:

Dust explosion description number: 124 m.b_/s

Kst:

Dust explosion class: St 1-weak explosion

Minimum ignition energy: 100-300 mJ

SECTION 10: Stability and reactivity

Reactivity: None known

Chemical stability: Stable

Possibility of hazardous reactions: None known

Conditions to avoid: Heat, sparks, flames

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation: Irritating to respiratory system.

Ingestion: None known.

Skin contact: Causes skin irritation. May cause an allergic skin reaction.

Eye contact: Causes serious eye irritation.

Information on toxicological effects

Acute toxicity

Oral

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: Oral LD-50: (Rat): 5,000 mg/kg read across from a similar material.

Page 8.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Rosin and resin acids: Oral LD-50: (Rat;Female): 2,000 mg/kg Read across from a similar material.

Sodium salt: Read across from a similar material.

Dermal:

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Resin and resin acids: Dermal LD-50: (Rat): 2,000 mg/kg

Sodium salt: Read across from a similar material.

Inhalation:

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Rosin and resin acids, sodium salt: No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available

Rosin and resin acids, sodium salt: No data available.

Skin corrosion/irritation

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Serious eye damage/eye irritation:

Product: No data available.

Specified substance(s): No data available.

Rosin and resin acids, sodium salt: (Rabbit): moderate

Kel-Crete Industries, Inc.

Page 9.

SDUS

Version 3.2

Revision date: 1/15/15

Respiratory or skin sensitization:

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: Skin sensitization: (Mouse)-sensitizing
Rosin and resin acids, sodium salt: (Mouse)-non-sensitizing

Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.
Rosin and resin acids, sodium salt: No data available.

In vitro

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.
Rosin and resin acids, sodium salt: No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.
Rosin and resin acids, sodium salt: No data available.

Specific target organ toxicity—single exposure

Product: No data available.

Kel-Crete Industries, Inc.

Page 10.

SDUS

Version 3.2

Revision date: 1/15/15

Specified substance(s)

Sodium salt of tall-oil: No data available.
Rosin and resin acids, sodium salt: No data available.

Specific target organ toxicity—repeated exposure

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.
Rosin and resin acids, sodium salt: No data available.

Aspiration hazard

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.
Rosin and resin acids, sodium salt: No data available.

Other adverse effects: No data available.

SECTION 12: Ecological information

Toxicity

Acute toxicity

Fish

Specified substance(s)

Sodium salt of tall-oil: LL50 (Zebra Fish, 96h) 20 mg/l, NOELR (Zebra Fish, 96h): 6.25 mg./
Read across from a similar material.
Rosin and resin acids, sodium salt: LC-50 (Zebra Fish, 95h): 5.4 mg/l

Aquatic invertebrates

Product: No data available

Specified substance(s)

Sodium salt of tall-oil: EL-50 (Water Flea 48h): 320 mg/l. Read across from a similar material.
EL-50 (Water Flea 48h): 560 mg/l.

Page 11.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Rosin and resin acids, sodium salt: EC-50 (Daphnid, 48h): 75.6 mg/l. Read across from a Similar material.

Chronic Toxicity

Product: No data available.

Specified substance(s)

Sodium salt of tall oil: No data available.

Rosin and resin acids, sodium salt: No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: NOELR (Water Flea, 21d): ≥ 1 mg/l.

Rosin and resin acids, sodium salt: No data available.

Toxicity of aquatic plants

Specified substance(s)

Sodium salt of tall-oil: EL 50 (Algae pseudokirchneriella subcapita), 72h: 310 mg/l.

Rosin and resin acids, sodium salt: No data available.

Persistence and degradability

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: 78% (28 d) inherently biodegradable.

Rosin and resin acids, sodium salt: No data available.

Biological Oxygen Demand

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Rosin and resin acids, sodium salt: No data available.

Page 12.

Kel-Crete Industries, Inc.

SDUS

Version 3.2

Revision date: 1/15/15

Chemical Oxygen Demand

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Rosin and resin acids, sodium salt: No data available.

BOD/COD ratio

Product: No data available.

Specified substance(s)

Sodium salt of tall-oil: No data available.

Rosin and resin acids, sodium salt: No data available.

Mobility in soil

Known or predicted distribution to environmental compartments

Sodium salt of tall-oil: No data available.

Rosin and resin acids, sodium salt: No data available.

Results of PBT and vPvB

Assessment:

Sodium salt of tall-oil: No data available.

Rosin and resin acids, sodium salt: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal consideration

Waste treatment methods

General information: No data available.

Disposal methods: Dispose of waste and residues in accordance with local authority requirements.

Incinerate. Since emptied containers retain product residue follow label warnings

Even after container is emptied.

Kel-Crete Industries, Inc.

Page 13.
SDUS
Version 3.2
Revision date: 1/15/15

SECTION 14: Transport information

Important Notes: 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 export for information specific to your situation.

DOT

Class not regulated.

IMDG-International Maritime Dangerous Goods Code

Class not regulated

IATA

Class not regulated.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status: Controlled.

WHMIS (Canada) Hazard Classification: D/2/B

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

US EPCRA (SARA Title III) Section 313-Toxic Chemical List

None

OSHA: Hazardous

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.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental) Protection Act): All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.

AICS/NICAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): All components of this product are listed on AICS or otherwise comply with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): All components of this product are listed in the Handbook or have been approved in Japan by new substance notification.

Page 14.

Kel-Crete Industries, Inc.

SDUS
Version 3.2
Revision date: 1/15/15

ECL (Korean Toxic Substance Control Act): All components of this product are listed on the Korean Inventory or otherwise comply with the Korean Toxic Substances Control Act.

Philippines Inventory (PICCS): All components of this product are listed on the Philippines inventory or otherwise comply with PICCS.

Inventory of Existing Chemical Substances in China. All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

SECTION 16: Other information

HNIS ® Hazard Ratings: Health-2, Flammability-1, Chemical reactivity-0

HNIS ® 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 SDS must be considered.

