

Kel-Crete Industries, Inc.

SDUS
Version 3.2
Revision date: 1/15/15

Safety Data Sheet

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

Product identifier

Product name: Kel-Crete Premium Liquid Admixture
Product No.: KCP1000PL-KECP10002AP

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 US
Phone: 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
Skin corrosion/irritation

Category 1B
Category 2
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Specific target organ toxicity-single exposure
Serious eye damage/eye irritation

Category 3
Category 2

OSHA Specified Hazards:

Combustible dust May form combustible dust concentration in air.

Special 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.
P243: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/
 Face protection.
P261: Avoid breathing fume/gas/mist/vapors/spray.
P272: Contaminated work clothing should not be allowed out of the
 Workplace.
P271: Use only outdoors, or in a well-ventilated area.

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Response cont.:

- 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 advice/ Attention.
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 characteristics at time of Disposal.

Hazard(s) not otherwise Classified (HNOC):

None known.

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SECTION 3: Composition/information on ingredients

Substance/Mixtures

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 Symptoms persist.

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: May irritate and casue redness and pain. Allergic rash.

And effects both acute and delayed: Respiratory tract irritation.

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SECTION 4 cont:

Indication of any immediate medical attention and special treatment needed:

Hazards: None known.

Treatment: Treat symptomatically.

SECTION 5: Firefighting measures

Unsuitable extinguishing: None known

Special hazards arising from the substance or mixture: Could be harmful if swallowed.

SECTION 6: Accidental release measures

Person precautions protective

Equipment and emergency

Procedures: Wear appropriate person protective equipment.

Environmental precautions: Avoid release to the environment. Sweep up and place

Methods and material for in a clearly labeled container for chemical waste. Large

Containment and cleaning up: spillages: flush spill area with water spray. Prevent Runoff from entering drains, sewers or streams. Dike

Notification procedures: For later disposal.
In the event of a spill or accidental release, notify Relevant authorities in accordance with all applicable Regulations.

SECTION 7: Handling and storage

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

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SECTION 7: Handling and storage

Precautions for safe handling: Do not get in eyes, on skin, on clothing. Use only with adequate ventilation. Wash thoroughly after handling.

Conditions for safe storage, including and incompatibilities: Keep container tightly closed.

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 charges 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 measure, 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.

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Hand protection: Contact 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 United States of America, 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. 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: liquid
Form: liquid
Color: dark brown
Odor: rosin
pH: 9.1-9.4
Boiling point: No data available

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SECTION 9 cont.

Flash point: Not applicable, combustible solid
Evaporation rate: Not determined.
Flammability (solid, gas): No data available.
Flammaibility 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°)**
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 Operating temperatures.
Dynamic Viscosity: No data available.
Kinematic Viscosity: Not determined.

Explosive properties: No data available.
Oxidizing properties: No data available.
SECTION 10: Stability and reactivity
Reactivity: None known.
Chemical stability: Stable.
Possibility of hazardous reactions: None known
Conditions to avoid: Heat, sparks, flames

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SECTION 10 cont.

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: May cause skin irritation. May cause an allergic reaction.
Eye contact: May cause serious eye irritation.

Information on toxicological effects:

Acute toxicity No data available.

Oral

Product: No data available.

Specified substance(s)

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

Rosin and resin acids: Oral LD-50: (Rat, female): 2,000 mg/kg 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

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SECTION 11 cont.

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.
Rosin and resin acids, sodium salt: (Rabbit, 4h) none.

Serious eye damage irritation:

Product: No data available

Specified substance(s) No data available

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

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

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Section 11 cont.

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

Products: 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

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SECTION 11 cont.

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

Specific 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

Product: No data available

Specified substance(s)

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

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SECTION 12 cont.

Aquatic invertebrates

Product: No data available

Specified substance(s)

Sodium salt of tall-oil EL-50 (Water flea 48 h): 320 mg/l

Rosin and resin acids, sodium salt Read across from a similar material
EL-50 (Water flea, 48 h): 560 mg/l
EC-50 (Daphnid, 48 h): 75.6 mg/l
Read across from a similar material

Chronic Toxicity

Fish

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, 21 d): ≥ 1 mg/l

Rosin and resin acids, sodium salt: No data available

Toxicity of Aquatic Plants

Product: No data available

Specified substance(s)

Sodium salt of tall-oil EL50(Algae pseudokirchneriella subcapita),
72h): 310 mg/l

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SECTION 12 cont.

Rosin and resin acids, sodium salt: No data available

Persistence and degradability

Biodegradation

Product: No data available

Specified substance(s)

Sodium salt of tall-oil 78% 28d) 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

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:	Not data available
Sodium salt of tall-oil	EL50 (Algae pseudokirchneriella subcapita) 72h): 310 mg/l

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SECTION 12 cont.

Bioaccumulative potential

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

No data available

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 considerations

Waste treatment methods

General information

No data available

Disposal methods:

Dispose of waster and residues in accordance
With local authority requirements. Incinerate.
Since emptied containers retain product residue
Follow label warnings even after container is
Emptied.

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SECTION 14: Transport information

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

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

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SECTION 15. cont.

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 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.

ECL (Korean Toxic Substances Control Act): All components of this product are listed on the 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 the SDS must be considered.

