

**Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

**NuTreat® - 1700**

**Antiscalant**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section 1 - Identification**

Manufacturer's Name

King Lee Technologies

Emergency Telephone Number

1-800-424-9300 (Chemtrec)

Emergency Telephone Number International

001-703-527-3887 (Chemtrec)

Address (Number, Street, City, State and ZIP Code)

8949 Kenamar Drive Bldg. 107  
San Diego, California 92121

Telephone Number for Information

(858) 693-4062

Date Prepared

July 1, 2017

Signature of Preparer (Optional)

**Section 2 - Hazard(s) identification**

Other Limits

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Recommended % (optional)

Complying with 29 CFR 1910.1200 (d), each ingredient in this formulation has been reviewed with the Guide to Occupational Exposure Values - 2012 published by ACGIH. None of the ingredients have listed occupational exposure values, and can be considered generally safe if handled with due care.

Label elements

Signal Word

Hazard(s) not otherwise classified (HNOC)

Supplemental Information

Hazardous Statement



Warning

None Known.

None.

None

**Section 3 - Composition/information on ingredients**

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Recommended % (optional)

This product is a proprietary formulation of generally available chemical ingredients.

Complying with 29 CFR 1910.1200 (d), each ingredient in this formulation has been reviewed with the "Guide to Occupational Exposure Values - 2012" published by ACGIH. Only the following ingredients have listed occupational exposure values, and can be considered potentially hazardous: None listed as potentially hazardous. This product is a proprietary formulation of generally available chemical ingredients.

**Section 4, First-aid measures**

Route(s) of Entry:

Inhalation?

Skin?

Ingestion?

Health Hazards (Acute and Chronic)

None with normal application.

Carcinogenicity:

NTP?

IARC Monographs?

OSHA Regulated?

NO

NO

NO

Signs and Symptoms of Exposure

None with normal application.

NuTreat 1700

Emergency and First Aid Procedures

Eyes and Skin: flush/wash with excess water. Inhaled: Move to fresh air. Ingestion: do not induce vomiting unless instructed by medical personnel. In all cases, see a physician.

**Section 5 - Fire-fighting measures**

Flash Point (Method Used) NA	(Flammable Limits) NA	LEL NA	UEL NA
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Extinguishing Media  
No Restrictions

Special Fire Fighting Procedures

Persons exposed to products of combustion should wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Slip hazard when spilled.

**Section 6 - Accidental release measures**

Steps to Be Taken in Case Material is Released or Spilled

Stop spill/release if possible with minimal risk.  
Notify appropriate agencies. Immediate clean up recommended.

Waste Disposal Method

Do not flush bulk but instead recover with appropriate absorbent material for appropriate disposal.  
Flush residual spill with water.

**Section 7 - Handling and Storage**

Precautions to Be Taken in Handling and Storing

Store in sealed drums kept in cool, dry place. Freezing may damage the material.

Other Precautions

Slip hazard when spilled. Wear protective equipment if possible.

**Section 8 - Exposure controls/personal protection**

Respiratory Protection (*Specific Type*)

Use NIOSH approved respirator if conditions warrant.

Ventilation	Local Exhaust Use in well-ventilated area.	Special Additional ventilation for handling large volumes.
	Mechanical ( <i>General</i> ) NA	Other NA

Protective Gloves

Impenetrable gloves.

Eye Protection

Safety glasses with side shields or safety goggles.

Other Protective Clothing or Equipment

Appropriate chemical-resistant covering for repeated exposure.

**Section 9 - Physical and chemical properties**

Boiling Point	$\geq 100^{\circ} \text{C}$	Specific Gravity ( $\text{H}_2\text{O}=1$ )	1.0-1.5
Vapor Pressure (at $20^{\circ}\text{C}$ )	As water	Melting Point	$\leq 0^{\circ} \text{C}$
Vapor Density ( $\text{AIR}= 1$ )	As water	Evaporation Rate (Butyl Acetate= 1)	As water

Solubility in Water

Completely soluble.

Appearance and Odor

Clear to light yellow. Mild odor.

**Section 10 - Stability and reactivity**

Stability	Unstable		Conditions to Avoid Protect from freezing, heat, and direct sun.
	Stable	<b>X</b>	

Incompatibility (*Materials to Avoid*)

NA

Hazardous Decomposition or Byproducts

Carbon Oxides

Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	<b>X</b>	

**Section 11 - Toxicological information**Mouse Oral and Rat Dermal LD<sub>50</sub> >5000 mg/kg (Estimated)**Section 12 - Ecological Information**48 Hr Daphnia EC<sub>50</sub>**Section 13 - Disposal considerations**

Observe all federal, state, and local environmental regulations for disposal through incineration or landfill.

**Section 14 - Transportation information**

DOT Hazardous Classification

Not considered hazardous by the U.S. Department of Transportation (DOT)

TDG Canadian Transportation-

Not considered hazardous by the U.S. Department of Transportation (DOT)

International Transportation

Product has no UN number, and is not regulated under international rail, road, water or air transportation.

**Section 15 - Regulatory Information**

HMIS: Health=0 Fire=0 Reactivity=0, P=B

**Section 16 - Other Information**

This SDS is provided as an information resource only. The buyer assumes all responsibility for using and handling the product. In accordance with applicable federal, state and local regulations.