

## SECTION 1 – Identification

Product: **THORNELL CONCENTRATES**  
**K.O.E. (Kennel Odor Eliminator)**  
**K.O.E. (Kennel Odor Eliminator) Fresh Scent**  
**L.O.E. (Laundry Odor Eliminator)**

Manufacturer: Thornell Corporation  
Address: P.O. Box 363  
James Street  
Smithville MO 64089

Emergency Telephone: (816) 873-3342

## SECTION 2 – Hazards Identification

GHS Classification  
Skin sensitization, Category 1B, H317



Signal word: **WARNING**

Hazard statements:  
H317: May cause an allergic skin reaction.

Precautionary statements:  
P281: Use personal protective equipment as required.  
P314: Get medical advice/attention if you feel unwell.  
P501: Dispose of contents/container to in accordance with local/regional/national/international regulations.

## SECTION 3 – Composition

The ingredients in this fragrance mixture are considered by Thornell Corporation to be a trade secret in accordance with the provisions of the OSHA Hazard Communication Standard (29 CFR 1910.1200). Identities will be revealed to a qualified health professional (physician, nurse practitioner, EMT or physician's assistant) in the event of an emergency.

## SECTION 4 – First Aid Measures

Inhalation: Leave the contaminated area immediately and go to a fresh air source. If breathing is difficult contact a physician.  
Eye Contact: Wash eyes immediately with copious amounts of water. Contact a physician if irritation persists or vision problems occur.  
Skin Contact: Remove any contaminated clothing and wash the exposed skin thoroughly with soap and water. Contact a physician if irritation persists.  
Ingestion: Contact a physician if you feel unwell.

## SECTION 5 – Fire-fighting Measures

Hazardous Products of combustion: CO<sub>2</sub>, CO, other unidentified products of combustion.

Extinguishing Media: Use dry chemical, foam or water spray.

Special Fire Fighting Procedure: Use self-contained breathing apparatus (SCBA) and firefighting clothing.

Unusual Fire and Explosion Hazards – None known.

## **SECTION 6 – Accidental Release Measures**

To avoid possible contamination of the environment, contain spilled material. Cover with an inert, inorganic, non-combustible absorbent material, sweep up and remove to an approved disposal container. Avoid open flames or other sources of ignition. Avoid inhalation of vapors.

## **SECTION 7 – Handling and Storage**

For maximum personal protection, handle fragrances in a completely closed system.

Ventilation: Employ local exhaust ventilation meeting ACGIH design criteria.

Handling Procedures: Avoid inhalation and eye and skin contact whenever possible. Use good personal hygiene practices. Wash thoroughly after contact with the skin and at the end of each work period. Contaminated clothing and shoes should be laundered or cleaned before reuse.

Storage Requirements: Store in a cool, dry, well-ventilated area. Avoid heat sources. Keep containers closed and upright.

## **SECTION 8 – Exposure Controls/Personal Protection**

Respiratory Protection: Not normally required in well-ventilated areas. If vapor levels are high due spillage, or if the product is heated, or if other abnormal conditions exist, use a full-face NIOSH-approved organic vapor respirator.

Eye Protection: If abnormal conditions exist, wear NIOSH-approved goggles or shields when handling. Eye wash stations should be available.

Skin Protection: If abnormal conditions exist, wear oil and chemical-resistant gloves when handling. Safety showers should be available.

## **SECTION 9 – Physical and Chemical Properties**

Appearance: liquid

Color: water-white

Odor: Pleasant, to match standard.

pH: 5.75

Flash point: 117°F

Density: not determined

Vapor pressure: 17.6 mm Hg @ 20° C

VOC content: 4.04%

## **SECTION 10 – Stability and Reactivity**

This product is stable and presents no significant reactivity hazard. It does not react violently with water and no hazardous polymerization will occur. Contact with highly concentrated acids, alkalis or oxidizing agents must be avoided. Avoid excessive heat, open flames or other sources of ignition.

## **SECTION 11 – Toxicology Information**

This is a compounded mixture that has not been tested whole on humans or animals. Individual components present at 1% or more have the following acute and/or chronic hazards when tested at 100% concentration:

Acute Hazards: Liquid may be irritating to skin and eyes. Vapor may be irritating to the throat, lungs and pulmonary tract, may irritate the eyes. Repeated contact may cause allergic dermatitis. May be irritating to skin and eyes. This product contains material(s) which are listed in 29 CFR 1910 subpart Z and/or have a TLV established by ACGIH (OEL = 1000 ppm).

Chronic Hazards: not known

This product does not contain carcinogens identified by OSHA, IARC, ACGIH, NTP or other authoritative body.

Oral LD<sub>50</sub> > 2,000 mg/kg (calculated)

#### **SECTION 12 – Ecological Information**

This mixture has not been tested. See Section 16 for any EU hazard classification information.

#### **SECTION 13 – Disposal Considerations**

Dispose in accordance with local regulations.

#### **SECTION 14 – Transportation Information**

DOT/TDG: Not Regulated

IATA/ICAO: Not Regulated

IMO/IMDG: Not Regulated

#### **SECTION 15 – Regulatory Information**

SARA 313 This proprietary mixture contains the following material(s) subject to SARA 313 reporting: NONE

#### **SECTION 16 – Other Information**

All ingredients in the mixture are listed on the US EPA's Inventory of Toxic Substances (TSCA); the EEC's European Inventory of Existing Commercial Chemical Substances (EINECS) or List of Notified Chemical Substances (ELINCS); Environment Canada's Domestic Substances List (DSL) or Non-domestic Substances List (NDSL).

Contains no materials Known by the State of California to cause cancer or reproductive toxicity (Proposition 65).

EU Classification: Xi, R41-43

The information documented in this SDS has been obtained from current and reliable sources; however it is provided without any warranty, expressed or implied, about its correctness or accuracy. Since the use, handling and disposal of this product is beyond Thornell Corporation's control, it becomes the responsibility of the user to determine safe conditions for the use of this product in his own facility and to assume liability for loss, damage or expense resulting from the product's improper use. Federal, State and Municipal government agencies may have specific regulations concerning the use, storage, handling, transportation and disposal of this product that may not be delineated in this SDS. The user should review such regulations and comply accordingly.

Health Hazard = 1 Fire Hazard = 2 Reactivity = 1 Personal Protection = B

Date of issue: January 26, 2015 (initial issue)

Date revised: not applicable