

SAFETY DATA SHEETS

This SDS packet was issued with item:

078718047

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078937675

Material Safety Data Sheet

Manufacturer: **Thornell Corporation**, P.O. Box 363, 100 James Street, Smithville, MO 64089 **Emergency Phone:** 816-873-3342

SECTION I - IDENTIFICATION

Product Name(s): *Animal Odor Eliminator, All Purpose Deodorizing Wipes, Kennel Odor Eliminator, Cat Odor-Off, Cat Odor-Off Concentrate, Dog Odor-Off, Ferret Odor-Off, Skunk-Off, Skunk-Off Soaker, Skunk-Off Shampoo, Laundry Odor Eliminator*

SECTION II - HAZARDOUS INGREDIENTS

Conforms to the RIFM and IFRA guidelines. Not a primary skin irritant, nor toxic by oral ingestion or by inhalation. A minor irritant when in direct contact with the eyes. Contains Isopropyl Alcohol - CAS #67-63-0, less than 0.2%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Specific Gravity (H₂O=1):

Animal Odor Eliminator: @25°C .9950

All Purpose Deodorizing Wipes: @25°C .9950

Kennel Odor Eliminator: @25°C .8710-.8755

Laundry Odor Eliminator: @25°C .915-.920

Cat Odor-Off: @25°C .9973-.9974

Cat Odor-Off Concentrate: @25°C .9973-.9974

Dog Odor-Off: @25°C .994-1.002

Ferret Odor-Off: @25°C .9973-.9974

Skunk-Off: @25°C .9990-.9996

Skunk-Off Soaker: @25°C .9990-.9996

Skunk-Off Shampoo: @25°C .9990-1.0

Vapor Pressure (mm Hg): N/A

Melting Point: N/A

Vapor Density (AIR=1): N/A

Evaporation Rate (BuAC=1): N/A

Solubility In Water: Completely Soluble

Appearance and Odor:

Thornell Corporation MSDS

All Purpose Deodorizing Wipes: @25°C .9950: White moistened towellete

Animal Odor Eliminator: Light yellow to amber

Kennel Odor Eliminator: Clear to light yellow

Laundry Odor Eliminator: Clear to light yellow

Cat Odor-Off: Clear to light yellow

Cat Odor-Off Concentrate: Clear to light yellow

Dog Odor-Off: Water white. Cedar fragrance

Ferret Odor-Off: Clear to light yellow

Skunk-Off: Clear to light yellow

Skunk-Off Soaker: Clear to light yellow

Skunk-Off Shampoo: Light yellow

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):

All Purpose Deodorizing Wipes: 135°F TCC

Animal Odor Eliminator: 135°F TCC

Kennel Odor Eliminator: 105°F TCC

Laundry Odor Eliminator: 117°F TCC

Cat Odor-Off: over 230°F TCC

Cat Odor-Off Concentrate: 105°F TCC

Dog Odor-Off: 204°F TCC

Ferret Odor-Off: over 230°F TCC

Skunk-Off: 188°F TCC

Skunk-Off Soaker: 188°F TCC

Skunk-Off Shampoo: over 200°F TCC

Extinguishing Media: Carbon Dioxide or other oil combatant types

Special Fire Fighting Procedures: As above

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Exposure to heat and open flame.

Hazardous Polymerization: Will not occur

SECTION VI - HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): No acute and/or chronic health hazards. No significant adverse reactions have been reported. Liquid in eyes may cause limited, temporary irritation.

Carcinogenicity: None

Signs and Symptoms of Exposure: Minor irritation to eyes, nose and throat.

Medical Conditions Generally Aggravated by Exposure: None

Emergency and First Aid Procedures: If inhaled remove to fresh air. If eye contact, flush with water. Skin contact, wash with soap and water. If ingested give copious amounts of water. Contact a physician if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken In Case Material is Released or Spilled: Use floor desiccant.

Waste Disposal Method: Per local statute for combustibles.

Precautions to be Taken in Handling and Storing: Avoid open flame.

Other Precautions: None

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Not usually required.

Ventilation: Local exhaust - Not required; Mechanical (General) - Fan or blowers when required.

Protective Gloves: None

Eye Protection: None

Other Protective Clothing or Equipment: None

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: CO₂, 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 to 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	Flash point:	117°F
Color:	water-white	Density:	not determined
Odor:	Pleasant, to match standard.	Vapor pressure:	17.6 mm Hg @ 20° C
pH:	5.75	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 LD₅₀ > 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