

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078783214

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

078084517 078084525 078084541 078084566 078084574 078335141 078396442 078420096 078423278 078426724

078543336 078580068 078668858 078911887

## 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, Kennel Odor Eliminator, Cat Odor-Off, Cat Odor-Off Concentrate, Dog Odor-Off, Ferret Odor-Off, Skunk-Off, Skunk-Off Shampoo*

### 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 (H<sub>2</sub>O=1):**

*Animal Odor Eliminator:* @25°C .9950

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

*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 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:**

*Animal Odor Eliminator:* Light yellow to amber

*Kennel 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 Shampoo:* Light yellow

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point** (Method Used):

Animal Odor Eliminator: 135°F TCC

Kennel Odor Eliminator: 105°F TCC

Cat Odor-Off: over 230°F TCC

Cat Odor-Off Concentrate: over 230°F TCC

Dog Odor-Off: 204°F TCC

Ferret Odor-Off: over 230°F TCC

Skunk-Off: 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

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required.

**Protective Gloves:** None

**Eye Protection:** None

**Other Protective Clothing or Equipment:** None

## SECTION 1 – Identification

Product: **THORNELL Ready-to-Use Products**  
**Cat Odor-Off**  
**Dog Odor-Off**  
**Skunk-Off**  
**OdorMed**  
**AOE (Animal Odor Eliminator)**

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

Emergency Telephone: (816) 873-3342

## SECTION 2 – Hazards Identification

Non-Hazardous

Precautionary statements:

P501: Dispose of contents/container 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 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:    | Above 200°F        |
| Color:      | water-white                  | Density:        | not determined     |
| Odor:       | Pleasant, to match standard. | Vapor pressure: | 17.5 mm Hg @ 20° C |
| pH:         | 6.6                          | VOC content:    | 0.25%              |

## **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**

Acute Hazards: None Known

Chronic Hazards: None 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 = 1 Reactivity = 1 Personal Protection = B

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

Date revised: not applicable