# Material Safety Data Sheet

May be used to comply with OSHA's
Hazardous Communication Standard, 29 CFR 1910.1200

**NPCA Hazardous Materials Identification System**

| Specific Hazard | Personal Protection |
|---|---|
| 4-Severe | X-Ask a supervisor |
| 3-Serious | A-Safety Glasses |
| 2-Moderate | B-Goggles, Glasses |
| 1-Slight | C-Goggles, Glasses, Apron |
| 0-Minimal | D-Goggles, Glasses, Apron, & Faceshield |

**Health (2)** **Reactivity (0)**
**Flammability (1)** **Personal Protection (B)**

## IDENTITY (As used on LABELS and LIST)

# LEMON SCENTED
## P400

## SECTION I

**MFGR'S NAME AND ADDRESS** **CleanPak Products**
**5408 N 59TH ST. TAMPA, FL 33610**
**EMERGENCY TELEPHONE NUMBER** **813-740-8611** **DATE PREPARED:**
**NIGHTS / WEEKENDS** **800-424-9300** **01-03-07**

## SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| **Hazardous Components** OSHA **Specific Components** **Specific Chemical Identity** **Common Name(s)** | PEL | ACGIH | Other Limits Recommended | %Optional |
|---|---|---|---|---|
| N,N-Didecyl-N,N-dimethylammonium chloride CAS# 7173-51-5 | | | | 1.32% |
| n-Alkyl ($C_{12-16}$)-N,N-dimethyl-N-benzylammonium chloride. CAS# 68424-85-1 | | | | 0.79% |
| N,N-Dimethyl – 1 – octylamine-N-Oxide CAS#2605-78-9 | | | | 1.00% |
| Ethylenediaminetetraacetic acid, trisodium salt CAS# 150-38-9 | | | | 0.375% |

## SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

| | | | |
|---|---|---|---|
| **BOILING POINT (F)** | **Not known** | **SPECIFIC GRAVITY ($H_2O$=1)** | **1.0** |
| **VAPOR PRESSURE (mmHg)** | **Not known** | **Percent Volatiles** | **94.2** |
| **VAPOR DENSITY (air=1)** | **Not Known** | **EVAPORATION POINT** | **Not Known** |
| **SOLUBILITY IN WATER** | **Soluable** | **(Butyl Acetate=1)** | |

**APPEARANCE AND ODOR: Clear, light yellow liquid with a pleasant lemon fragrance.**

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

| **FLASH POINT** | **FLAMMABLE LIMITS** | **LEL** | **UEL** |
|---|---|---|---|
| **>200ºF** | **N/A** | **N/A** | **N/A** |

**EXTINGUISHING MEDIA:** Water Fog or carbon dioxide or dry chemical
**SPECIAL FIRE FIGHTING PROCEDURES:** A NIOSH-approved respirator and clothing should be worn when fighting fires. Cool fire exposed containers with water spray.
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Products of combustion are toxic.

# SECTION V-REACTIVITY DATA

Lemon Scented (P400)

**STABILITY:** **UNSTABLE ( )** **CONDITION TO AVOID:**
**STABLE ( X )** **None known**

**INCOMPATIBILITY** (Materials to Avoid) - Strong oxidizing or reducing agents.

**HAZARDOUS DECOPOSITION OR BYPRODUCTS**

Thermal decomposition may produce toxic vapors / fumes of hydrogen chloride, amine4s and other organic materials, and oxides of carbon and nitrogen.

| | | |
|---|---|---|
| **HAZARDOUS** | May Occur ( ) | CONDITIONS TO AVOID: |
| **Polymerization** | May Not Occur ( X ) | None known |

# SECTION VI-HEALTH HAZARD DATA

## ROUTE(S) OF ENTRY:

INHALATION: Yes
SKIN: Yes
EYE CONTACT:Yes

## Health Hazards (Acute and Chronic)

Skin and Eye irritation on contact. If inhaled, no adverse reaction is expected. If swallowed, may be harmful.

| **CARCINOGENICITY**: | **NTP** | **IARC Monographs?** | **OSHA Regulated**? |
|---|---|---|---|
| | No | No | No |

**SIGNS AND SYMPTOMS OF EXPOSURE**:

Causes eye damage and skin irritation. Harmful if swallowed.

**MEDICAL CONDITONS GENERALLY AGGRAVATED BY EXPOSURE**: Direct eye contact may aggravate existing medical conditions.

**EMERGENCY AND FIRST AID PROCEDURES**:

EYES: In case of contact, immediately flush with large quantities of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get immediate medical attention. If physician is not available, flush for additional 15 minutes and then transport victim to medical care.

INGESTION: If swallowed, **DO NOT INDUCE VOMITING**. Immediately give 3-4 glasses of milk (if unavailable give waterIf vomiting accurs, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Never give anything by mouth to an unconscious person.

SKIN: Wash affected area with copious amounts of running water and soap if available, for 15 minutes. Remove contaminated clothing and shoes; wash before reuse. Get immediate medical attention.

# SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Confine as much as possible. Dike and absorb with inherit material such as sand or vermiculite.

**WASTE DISPOSAL METHOD:**

Dispose of waste in accordance with Federal, State, and Local ordinances.

**PRECAUTION TO BE TAKEN IN HANDLING AND STORING:**

Do not store under extreme temperatures. Keep container closed at all times when not in use.

**OTHER PRECAUTIONS**: All precautions in this MSDS must be observed.

# SECTION VIII- CONTROL METHODS

**RESPIRATORY PROTECTION:**

(Specific Type):None required for normal handling.

**VENTILATION:**

| | | | |
|---|---|---|---|
| LOCAL EXHAUST: | Adequate | SPECIAL: | None |
| MECHANICAL (General) | Adequate | OTHER: | None |

**PROTECTIVE GLOVES**: Impervious Rubber Gloves

**EYE PROTECTION**: Chemical Splash Glasses

**OTHER PROTECTIVE EQUIPMENT**: None

**WORK/HYGENIC PRACTICES**: Wash thoroughly after handling.

**We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.**