

10-21-97

**LEE PRODUCTS COMPANY**

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**MATERIAL SAFETY DATA SHEET**

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**SECTION I. IDENTIFICATION**

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NAME: Clean-Ups

Date Prepared: October 1997

MOLECULAR WEIGHT: NA

SYNONYMS: Hand Cleaning Pad/Clean-Ups/Derma-kwik

TYPE OF COMPOSITION: Fabric substrate impregnated with liquid cleaning solution.

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**SECTION II. INGREDIENT INFORMATION**

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Isopropyl Alcohol (CAS 67-63-0): OSHA hazard, flammable, PEL: TLV, Eye irritant; TWA of 400 ppm (980 mg/m3). <24 %

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**SECTION III. PHYSICAL DATA**

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\*BOILING POINT: <212 F (<100<sup>0</sup> C) \*CRITICAL TEMP<sup>0</sup> (F & C):Not available

\*SPECIFIC GRAVITY: (H<sup>2</sup>O=1) 0.97 \*VISCOSITY: <0

\*EVEPORATION RATE: <1 \*VAPOR PRESSURE: Not Available

\*DECOMPOSITION TEMP: Not Available \*% VOLATILE BY VOL.: 15%

\*VAPOR DENSITY: Not Available \*ph: 7

\*VOLATILE ORGANIC COMPOUNDS:150 GRAMS/LTR.

\*SOLUBILITY IN WATER: COMPLETE \*CRITICAL PRESSURE: Not Available

\*AUTOIGNITION TEMP<sup>0</sup> (F & C) Not Avail. \*CORROSION RATE: Not Available

\*FREEZING POINT: Not Available \*MAGNETISM: Not Applicable

\*APPEARANCE AND ODOR - MOIST FABRIC PAD WITH CHARACTERISTIC ISOPROPYL ALCOHOL ODOR.

\*Data available using hand cleaning pad formula with isopropyl alcohol diluted by 85% with water and other nonhazardous ingredients. Each container of 50 pads contains 75-90 grams of solution, 50 fabric pads, a plastic liner and a plastic container and lid. Thus, each pad consists of 1.8 grams of solution of which only 15% is isopropyl alcohol.

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**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

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FLASH POINT: >100<sup>0</sup>F (>37.8<sup>0</sup>C) TCC FLAMMABLE LIMITS IN AIR:

LEL-2.0; UEL=12.0

49 CFR 173.115 D (b) (2) (I) "An aqueous solution containing 24% or less alcohol by volume is considered to have a flash point of no less than 100 F (37.8 C) if the remainder of the solution is not subject to this chapter.

EXTINGUISHING MEDIA: CO2, Foam, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURE: Self contained Breathing Apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

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### **SECTION V. HEALTH HAZARD DATA**

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#### HEALTH HAZARD DATA BASED ON 100% STRENGTH SOLUTION - PRODUCT IS LESS THAN 15% STRENGTH.

##### SIGNS & SYMPTOMS OF EXPOSURE:

Eye contact: Moderately irritating to the eyes.

Skin contact: Mildly irritating to the skin.

Inhalation: May cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system (CNS) depression.

##### EFFECT OF ACUTE AND CHRONIC OVEREXPOSURE:

Generally considered to have low order of acute oral toxicity. As the solution on the pads contains only 15% isopropyl alcohol and the above signs and symptoms are for 100% isopropyl alcohol, acute and chronic overexposure would appear to be decreased substantially for this product.

##### EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove to fresh air and provide oxygen if breathing is difficult.

Eyes: Immediately flush with cool running water for at least 15 minutes while holding eyelids apart (remove contact lenses).

Internal: If swallowed, call for medical assistance. Give no more 2 glasses of water and induce vomiting by giving 30cc (2 tbsp) syrup of IPECAC. If IPECAC unavailable, give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR DROWSY PERSON.

##### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre existing skin, eye and respiratory disorder may be aggravated by exposure to IPA in 100% strength.

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### **SECTION VI. REACTIVITY DATA**

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STABILITY: Stable

INCOMPATIBLE MATERIALS: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen

HAZARDOUS POLYMERIZATION: Will not occur

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### **SECTION VII. SPILL OR LEAK PROCEDURES**

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NORMAL LEAN UP: Flush to drain with water. Observe all federal, state, and local laws concerning health and environment.

WASTE DISPOSAL METHODS: Incineration. Observe all federal, state, and local laws concerning health and environment.

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### **SECTION VIII. SPECIAL PROTECTION AND CONTROL MEASURES**

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Good industrial hygiene practice should be followed which includes preventing eye contact and minimizing inhalation of vapor. An eye bath and washing facilities should be available.

Protective Gloves: None Eye Protection: None

Ventilation (Local Exhaust, Mechanical, Special): None

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Protective Gloves: None Eye Protection: None

Ventilation (Local Exhaust, Mechanical, Special): None

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### **SECTION IX. SPECIAL PRECAUTIONS**

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Applies to 100% strength solution, particularly if stored in aluminum or pressurized containers.

Do not store with or near sparks or open flames. Wash skin with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.

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### **SECTION X. TRANSPORTATION**

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Applicable Regulations: 49 CFR

This product is NON-HAZARDOUS per Federal Regulations 49 CFR Page 468 Para 173.115 (b)(2)(ii).

“An aqueous solution containing 24 percent or less alcohol by volume is not subject to the requirements of this subchapter if it contains no less than 50 percent water and no material (other than the alcohol) which is subject to this subchapter.”

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THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BASED ON DATA CONSIDERED TO BE ACCURATE; HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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