



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ink Remover Towelette		DATE: August 01, 2011	
PRODUCT NUMBER(S): LE-44 (1007354)			
TRADE NAME: Ink Remover Towelette			
GENERAL USE: Cleaning towelettes			
CHEMICAL FAMILY: Alcohol-based cleanser (towelette)			
PRODUCT DESCRIPTION: Clear liquid applied to a fibrous wipe, mild odor.			
MANUFACTURED FOR: Safariland LLC	DATE PREPARED: August 1, 2011	SUPERSEDES: September 4, 2008	
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway	TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200		
(CITY, STATE AND ZIP CODE) Jacksonville, FL 32218	COUNTRY USA	CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER	
			1-800-255-3924 North America Toll Free
			01-813-248-0585 International

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW Flammable solid.
POTENTIAL HEALTH EFFECTS
INHALATION: Unlikely route of entry. Ethanol fumes may cause irritation, coughing, and have anesthetic effects.
SKIN: Mild irritation in hypersensitive people.
EYES: Burning sensation and irritation.
INGESTION: Unlikely route of entry. Ingestion may cause nausea, vomiting, and/or diarrhea.
CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No CALIFORNIA, Prop.65? No ESIS? No

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Ethanol, SDA-40	10-20	64-17-5	200-578-6	F	R11

Notes: Hazard symbols and risk phrases based on maximum listed concentration of each hazardous ingredient.

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove patient to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration.
EYES: First check the victim for contact lenses and remove if present. Flush victim's eyes with water for at least 15 minutes.
SKIN: Wash with cool water & soap if irritation occurs.
INGESTION: Rinse mouth with plenty of water. If conscious, give water, then seek medical attention. DO NOT INDUCE VOMITING.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS: Flammable; Flash Point is 140°F (53°C).
EXTINGUISHING MEDIA: Use dry chemical or CO2 for small fires, alcohol foam for large fires. Wear self-contained breathing apparatus.
FIRE FIGHTING PROCEDURES: Use NIOSH or European EN149 approved chemical respirator. Use solvent-resistant type clothing with full jacket. Avoid absorption of product on clothing. If absorbed in clothing, remove and wash clothes at once. Use chemical-resistant goggles. Use dry chemical, CO2, or water spray to fight surrounding fires.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Product will continue to burn until completely smothered.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide, Smoke, and Soot.

MATERIAL SAFETY DATA SHEET

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

Place into properly marked hazardous waste container for disposal.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep product in cool, dry place.. Do not store at temperatures above 120° F.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	PEL ppm	PELmg/m3
Ethanol, SDA-40	1000	1900			1000		1000	1900

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Generally not needed.

PROTECTIVE GLOVES:

Not Needed.

EYE PROTECTION:

Not Needed.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Not Needed.

WORK / HYGIENIC PRACTICES:

Use good hygiene practices. Do not eat, drink, or smoke while handling product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear liquid applied to a fibrous wipe, mild odor.	VAPOR PRESSURE NE
VOC NA Volatility NA	SPECIFIC GRAVITY (WATER = 1) 0.9
BOILING POINT / BOILING RANGE NA	SOLUBILITY IN WATER Soluble
FLASH POINT 140°F (60°C)	VISCOSITY NE
FLAMMABLE LIMITS LEL: NA UEL: NA	VAPOR DENSITY (AIR = 1) NE
AUTO-IGNITION TEMPERATURE NA	EVAPORATION RATE BUTYL ACETATE = 1) NA

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE x	CONDITIONS TO AVOID: Avoid exposure to extreme heat.
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INCOMPATIBILITY (MATERIALS TO AVOID):

Unknown

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon dioxide, Carbon monoxide, Smoke, Soot.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Ethanol, SDA-40	64-17-5	Oral, mouse:3450 mg/kg (MOST LIKELY LOWER THAN THIS FIGURE)	NR
	200-578-6		

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is presently available for this blended product. It is however known to be toxic.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose as hazardous waste in a properly permitted facility. Respiratory protection must be worn when disposing of this product. Dispose in accordance with all applicable Local, State and Federal regulations.

MATERIAL SAFETY DATA SHEET

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SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Regulated (<24% alcohols in aqueous solution)	
DOT HAZARD CLASS / Pack Group: Not Regulated	IATA HAZARD CLASS / Pack Group: None
REFERENCE:	IMDG HAZARD CLASS: None
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code: None
LABEL: None	UN TDG Class / Pack Group: None
HAZARD SYMBOLS:	Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): All ingredients listed.	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):	
Acute Health: No	Chronic Health: No
Fire: Yes	Sudden Release of Pressure: No
Reactive: No	

313 REPORTABLE INGREDIENTS:	None
CERCLA (USA - Comprehensive Response Compensation and Liability Act):	None listed
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:	None listed
State Right to Know: Ethanol MA ,NJ,PA, RI	
CCPR (Canadian Controlled Products Regulations):	Listed
CIDL (Canadian Ingredient Disclosure List):	Listed
CDSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):	t Listed on DSL
EINECS (European Inventory of Existing Commercial Chemical Substances):	Referenced.
WGK Water Quality Index:	NE

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
R10: Flammable.	None under 67/548/EEC	S2: Keep out of the reach of children. S7: Keep container tightly closed. S16: Keep away from sources of ignition - no smoking.

SECTION 16 - OTHER INFORMATION

Legend: NA= Not Applicable, NE= Not Established, ND= Not Determined, NR=Not Reported.

HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 2 0 None	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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REVISION SUMMARY:
 Revised to EU protocols 8/1/2011 supersedes 9/4/2008 issue. LB/JTV

MSDS Prepared by:
 ChemTel Inc.
 1305 North Florida Avenue
 Tampa, Florida USA 33602-2902
 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
 Website: www.chemtelinc.com



The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.