



Material Safety Data Sheet

January, 2012
1233

SECTION 1: PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT (TRADE) NAME: Keywipe
PRODUCT IDENTIFICATION NUMBER(S): 1233
CHEMICAL NAME AND SYNONYMS: Ethyl Alcohol Solution
CHEMICAL FORMULA: CH₃CH₂CH₂(OH)
EMERGENCY TELEPHONE NUMBERS: Read/Right: 1-800-771-0529
CHEMTREC (Transportation): (800) 424-9300

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS#</u>	<u>%</u>	<u>OSHA PEL(ppm)</u>	<u>ACGIH TLV (ppm)</u>
Ethyl Alcohol (Ethanol SDA-40B)	64-17-5	40.0	1000	1000
Deionized Water	7732-18-5	58.6	NA	NA
Benzethonium Chloride (USP)	8001-54-5	0.5	NA	NA
Methyl Paraben	99-76-3	0.1	NA	NA
Imidazolindyl Urea	39236-46-9	0.3	NA	NA
Nonylphenol Polyglycol Ether	9016-45-9	0.5	NA	NA

SECTION 3: HAZARDS IDENTIFICATION

Product is a single use, presaturated pad in which all the liquid is absorbed by the applicator. Product is an eye irritant and can produce skin irritation with repeated exposure. The product contains ethyl alcohol therefore, exposures over 1000ppm may cause headache, drowsiness, loss of appetite, an inability to concentrate, nausea and vomiting

Carcinogenicity (OSHA/NTP/IARC/ACGIH): None Listed
Medical Conditions Aggravated by Exposure: None Listed

SECTION 4: FIRST AID INFORMATION

EYE CONTACT: Flush with water for 15 minutes, including under eyelids. Get medical help.
SKIN CONTACT: Flush with water.
INHALATION: Remove to fresh air. Restore and/or support breathing as needed. Give oxygen if breathing is difficult. Call physician immediately.
INGESTION: In the unlikely event of ingestion of a wiper, first aid measures should focus on removal of the object and preventing choking. Once removed, keep affected person at rest. Call physician immediately.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 79` °F
FLAMMABLE LIMITS (% BY VOLUME): LEL: NA UEL: NA
AUTOIGNITION TEMPERATURE °F(°C): NA
EXTINGUISHING MEDIA: Fires involving Ethyl Alcohol may be extinguished using carbon dioxide, dry chemical or alcohol foam. Water may be used to cool fire exposed containers. Fine water mist may be used to smother fire or disperse vapors.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Liquid may release flammable vapors which can ignite at or above flash point.

NFPA RATING: HEALTH (0)
FLAMMABILITY (3)
REACTIVITY (0)

Formulation is classified as an OSHA Class IB Flammable Liquid
NA=Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Since the liquid is completely absorbed by the applicator material, and the amount of liquid per container is small, the chance of a spill due to container failure is minimal. Absorb small spills with paper towels, evaporate flammable alcohol in exhaust hood and dispose of properly. If a large amount of liquid is released, all sources of ignition should be eliminated. Cleanup personnel need protection against liquid contact and vapor inhalation.

SECTION 7: HANDLING AND STORAGE

Avoid excessive contact with skin. Do not store at temperatures above 120°F. Store away from heat, sparks and open flame.

SECTION 8: EXPOSURE CONTROL - PERSONAL PROTECTION

No specific controls are required for personnel working with the presaturated pads and canisters. When working with large quantities of the liquid, eye and skin protection should be worn. Adequate ventilation should be used to maintain TLV.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F(°C)):	205(96.1)	% VOLATILE BY VOLUME @ 25°C:	>98
VAPOR PRESSURE (mmHg @ 25°C):	55	EVAPORATION RATE(BUTYL ACETATE=1):	>1.0
VAPOR DENSITY (AIR=1):	>1	FORM:	Presaturated Pad
% SOLUBLE IN WATER @ 25°C:	100	ODOR:	Alcohol
SPECIFIC GRAVITY (G/CC@25°C)	0.94	APPEARANCE OF LIQUID:	Clear

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable mixture under normal conditions of use.
HAZARDOUS POLYMERIZATION:	Will not occur under normal conditions of use.
INCOMPATIBILITIES/CONDITIONS TO AVOID:	Avoid contact with acetyl chloride and all oxidizing agents. Always avoid excess heat or exposure to open flame.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide may form from incomplete combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

Not Available

SECTION 12: ECOLOGICAL INFORMATION

Not Available.

SECTION 13: DISPOSAL CONSIDERATIONS

Follow Federal, State and Local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Not Regulated

Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Hazard Labeling:

IATA/ICAO CLASSIFICATION: Not Regulated

Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Hazard Labeling:

IMDG CLASSIFICATION: Not Regulated

Proper Shipping Name:

Hazard Class:

IMDG Page#:

Packing Group:

Flash Point:

Marine Pollutant:

SECTION 15: REGULATORY INFORMATION

SARA TITLE III REPORTING:

Toxic Chemical(Section 313):	Not Listed	
Extremely Hazardous Substance (Section 302, 304, 311,312):	Not Listed	
Hazard Class:	Chronic Health	Yes
	Acute Health	Yes
	Fire Hazard	Yes
	Pressure Hazard	No
	Reactivity Hazard	No

TSCA INVENTORY STATUS: All components in the formulation are listed in the TSCA inventory

SECTION 16: OTHER INFORMATION

The information provided herein is compiled from internal reports and data from professional publication. It is furnished without warranty of any kind, expressed or implied. It is intended solely to assist in evaluating suitability and proper use of the material and in implementing safety precautions and procedures. Employers should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials. All information used must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

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January, 2012
804

SECTION 1: PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT (TRADE) NAME: InkOff
PRODUCT IDENTIFICATION NUMBER(S): 804
CHEMICAL NAME AND SYNONYMS: Ethyl Alcohol Solution
CHEMICAL FORMULA: CH₃CH₂CH₂(OH)
EMERGENCY TELEPHONE NUMBERS: CleanTex: 1-800-771-0529
CHEMTREC (Transportation): (800) 424-9300

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS#	%	OSHA PEL (ppm)	ACGIH TLV(ppm)
Ethyl Alcohol (Ethanol SDA-40B)	64-17-5	15.00	1000	1000
Deionized Water	7732-18-5	79.38	NA	NA
PPG-12-PEG-50 Lanolin	68458-88-8	0.70	NA	NA
Propylene Glycol	57-55-6	4.5	NA	NA
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.21	NA	NA
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	956-79-6	0.21	NA	NA

SECTION 3: HAZARDS IDENTIFICATION

Product is distributed as a single use, presaturated pad, in which all the liquid is absorbed by the applicator. Product is an eye irritant and can produce skin irritation with repeated exposure. The product contains ethyl alcohol therefore, exposures over 1000ppm may cause headache, drowsiness, loss of appetite, an inability to concentrate, nausea and vomiting

Carcinogenicity (OSHA/NTP/IARC/ACGIH): None Listed
Medical Conditions Aggravated by Exposure: None Listed

SECTION 4: FIRST AID INFORMATION

EYE CONTACT: Flush with water for 15 minutes, including under eyelids. Get Medical help.
SKIN CONTACT: Flush with water.
INHALATION: Remove to fresh air. Keep at rest. Restore and/or support breathing as needed. Get prompt Medical attention.
INGESTION: In the unlikely event of ingestion of a wiper, first aid measures should focus on removal of the object and preventing choking. Once removed, keep affected person at rest. Call physician immediately.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 105°F
FLAMMABLE LIMITS (% BY VOLUME): LEL: NA UEL: NA
AUTOIGNITION TEMPERATURE °F (°C): NA

EXTINGUISHING MEDIA: Fires may be extinguished using carbon dioxide, dry chemical or alcohol foam. Water may be used to cool containers exposed to the fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Isopropyl alcohol may release vapors which may ignite at or above flash point.

NFPA RATING: HEALTH (0)
FLAMMABILITY (2)
REACTIVITY (0)

Formulation is classified as an OSHA Class II Combustible Liquid
NA = Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Since the formulation is completely absorbed by the applicator and the amount of formulation per applicator is small, the chance of a significant spill occurring is small. In the event however, a significant amount of liquid is released, ventilate the area, especially low areas where vapors may collect. Remove all sources of ignition. Cleanup personnel need protection against liquid contact and vapor inhalation.

SECTION 7: HANDLING AND STORAGE

Store in a clean, cool, ventilated area away from sources of ignition and oxidizing agents. Handle and store in a manner suitable for an OSHA Class II Flammable Liquid. Electrical services must meet applicable codes. Use non-sparking tools.

SECTION 8: EXPOSURE CONTROL - PERSONAL PROTECTION

Provide ventilation to maintain TLV. Use non-sparking tools. Avoid inhalation of vapors, contact with eyes and repeated or prolonged contact with skin. Do not take internally.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F(°C)):	205(96.1)	% VOLATILE BY VOLUME @ 25°C:	100
VAPOR PRESSURE (mmHg @ 25°C):	55	EVAPORATION RATE(BUTYL ACETATE=1):	>1.0
VAPOR DENSITY (AIR=1):	>1	FORM:	Presaturated Pad
% SOLUBLE IN WATER @ 25°C:	100	ODOR:	Alcohol
SPECIFIC GRAVITY(G/CC @25°C)	0.94	APPEARANCE:	Clear Liquid

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITIES/CONDITIONS TO AVOID:	Caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents and chlorinated compounds.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Not Available

SECTION 12: ECOLOGICAL INFORMATION

Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Follow Federal, State and Local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Not Regulated

Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Hazard Labeling:

IATA/ICAO CLASSIFICATION: Not Regulated

Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Hazard Labeling:

IMDG CLASSIFICATION: Not Regulated

Proper Shipping Name:

Hazard Class:

IMDG Page#:

Packing Group:

Flash Point (°C):

Marine Pollutant:

SECTION 15: REGULATORY INFORMATION

SARA TITLE III REPORTING:

Toxic Chemical(Section 313):

Not listed

Extremely Hazardous Substance
(Section 302, 304, 311,312):

Not Listed

Hazard Class:

Chronic Health

Yes

Acute Health

Yes

Fire Hazard

Yes

Pressure Hazard

No

Reactivity Hazard

No

TSCA INVENTORY STATUS

All components
listed are on the
TSCA inventory

SECTION 16: OTHER INFORMATION

The information provided herein is compiled from internal reports and data from professional publication. It is furnished without warranty of any kind, expressed or implied. It is intended solely to assist in evaluating suitability and proper use of the material and in implementing safety precautions and procedures. Employers should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials. All information used must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.