SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name:	**Universal Remover Wipe**
Product Code:	7760
SDS Manufacturer Number:	7760
Product Use/Restriction:	Liquid soaked wipe.
Manufacturer Name:	Hollister Incorporated
Address:	2000 Hollister Drive Libertyville, Illinois 60048 USA
General Phone Number:	847-680-1000
SDS Creation Date:	April 07, 2014
SDS Revision Date:	November 03, 2014

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:

Signal Word: DANGER.

GHS Class:
Flammable Liquid, Category 2.
Eye Irritant, Category 2.
Specific Target Organ Toxicity, Single Exposure, Category 3.
May cause long-term adverse effects in the aquatic environment.

Hazard Statements:
Highly flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause long lasting harmful effects to aquatic life.

Precautionary Statements:
Keep away from heat/sparks/open flames/hotsurfaces. — No smoking.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
In case of fire: Use dry chemical, carbon dioxide to extinguish small fires. Use water for large fires.
Do not breath vapors, mist, or spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Use only outdoors or in a well-ventilated area.
Store in a well-ventilated place. Keep cool.
Keep container tightly closed.
Wash hands thoroughly after handling.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Emergency Overview:
DANGER! Flammable. May cause drowsiness or dizziness. Pulmonary aspiration hazard if swallowed.
Potential reproductive effects.

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

- Eye: Can cause severe eye injury. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.
- Skin: May cause irritation.
- Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
- Ingestion: May cause irritation. Ingesting large amounts may cause injury. The material can get into the lungs (aspiration) during swallowing or vomiting Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

Chronic Health Effects: Reproductive effects have been observed on tests with laboratory animals.

Signs/Symptoms: Overexposure may cause headaches and dizziness.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing Conditions: None generally recognized.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.

Ethyl alcohol	64-17-5	30 - 60 by weight	200-578-6
Ethyl Acetate Reagent	141-78-6	5 - 10 by weight	205-500-4
Proplyene glycol monomethyl ether	107-98-2	5 - 10 by weight	203-539-1
Decahydronaphthalene	91-17-8	5 - 10 by weight	202-046-9
Octamethylcyclotetrasiloxane	556-67-2	5 - 15 by weight	209-136-7

SECTION 4 : FIRST AID MEASURES

Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	No effects anticipated. If symptoms persist, call a physician.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion:	IF SWALLOWED: Call a physician or poison control center immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	10 °C (50 °F)
Flash Point Method:	Tag Closed Cup (T.C.C).
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	3.3 % by volume as ethanol
Upper Flammable/Explosive Limit:	19 % by volume as ethanol
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Unsuitable Media:	Do not use a solid water stream as it may scatter and spread fire.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	Material burns with an invisible flame.
Hazardous Combustion Byproducts:	Oxides of carbon, oxides of nitrogen and other organic substances may be formed.
Universal Fire And Explosion Hazards:	Vapors are heavier than air and may travel along the ground or may be moved by ventilation to locations distant from the point of material handling or release.

NFPA Ratings:

NFPA Health:	2
NFPA Flammability:	3
NFPA Reactivity:	1

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	For large spills: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Avoid breathing vapor, aerosol or mist. Avoid contact with skin, eyes and clothing.
Environmental Precautions:	For large spills: Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	For large spills: Contain spills with an inert absorbent material such as soil, sand or oil dry.
Methods for cleanup:	For large spills: Remove all sources of ignition. Collect the wipes with a non sparking tool and absorb or wipe any residual liquids. Place in a suitable container for proper disposal. Use appropriate protective apparel as described in Section 8. Avoid contact with skin and eyes.

SECTION 7 : HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and fumes. Use only in accordance with directions. To reduce potential for static discharge, bond and ground containers when transferring material.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use. Keep away from aldehydes, halogenated organics, halogens, strong acids, strong oxidizers.
Special Handling Procedures:	Do not re-use empty containers.
Hygiene Practices:	Wash thoroughly after handling. Avoid inhaling vapors, mists, or fumes.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	No special protective equipment required under normal conditions of use. General ventilation is sufficient if this product is being used in a controlled medical setting (clinic, hospital, medical office) for its sole intended topical purpose.
Eye/Face Protection:	No special protective equipment required under normal conditions of use. If splashes are likely to occur, wear: Chemical splash goggles.
Skin Protection Description:	No special protective equipment required under normal conditions of use.
Respiratory Protection:	No special protective equipment required under normal conditions of use. No personal respiratory protective equipment normally required. The need for respiratory protection will vary according to the airborne concentrations and environmental conditions (such as in manufacturing).

EXPOSURE GUIDELINES

Ethyl alcohol :

Guideline ACGIH:	TLV-STEL: 1000 ppm
Guideline OSHA:	PEL-TWA: 1000 ppm

Ethyl Acetate Reagent :

Guideline ACGIH:	TLV-TWA: 400 ppm
Guideline OSHA:	PEL-TWA: 400 ppm

Propyene glycol monomethyl ether :

Guideline ACGIH:	TLV-STEL: 150 ppm TLV-TWA: 100 ppm

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid presaturated wipes.
Odor:	Alcohol or solvent odor
Odor Threshold:	Not determined.
Boiling Point:	81°C (178 °F)
Melting Point:	Not determined.
Specific Gravity:	0.84
Solubility:	Dispersible in water.
Vapor Density:	>1 (Air=1.)
Vapor Pressure:	18 mm Hg @ 0°C (32°F)
Percent Volatile:	Not determined.
Evaporation Rate:	Not determined.
pH:	Not determined.
Viscosity:	Not determined.
Coefficient of Water/Oil Distribution:	Not determined.
Flash Point:	10 °C (50 °F)
Flash Point Method:	Tag Closed Cup (T.C.C).
Auto Ignition Temperature:	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Keep away from heat, ignition sources and incompatible materials.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.
Special Decomposition Products:	Heating may produce an irritant and harmful gas.

SECTION 11 : TOXICOLOGICAL INFORMATION

Ethyl alcohol :

RTECS Number:	KQ6300000
Eye:	Eye - Rabbit Rinsed with water.: 100 mg/4S
Skin:	Administration onto the skin - Rabbit LDLo: 20 gm/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rabbit Open irritation test: 400 mg Administration onto the skin - Rabbit Standard Draize test.: 20 mg/24H
Inhalation:	Inhalation - Rat LC50: 20000 ppm/10H [Details of toxic effects not reported other than lethal dose value] Inhalation - Mouse LC50: 39 gm/m3/4H [Details of toxic effects not reported other than lethal dose value]
Ingestion:	Oral - Rat LD50: 7060 mg/kg [Lungs, Thorax, or Respiration - Other changes] Oral - Mouse LD50: 3450 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Rat LD50: 7 gm/kg [Details of toxic effects not reported other than lethal dose value]

Ethyl Acetate Reagent :

RTECS Number:	AH5425000
Skin:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : >20 mL/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 200 gm/m3 [Behavioral - Somnolence (general depressed activity) Lungs, Thorax, or Respiration - Acute pulmonary edema Gastrointestinal - Changes in structure or function of salivary glands] Inhalation - Mouse LC50 - Lethal concentration, 50 percent kill : 45 gm/m3/2H [Details of toxic effects not reported other than lethal dose value] Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 1600 ppm/8H [Details of toxic effects not reported other than lethal dose value] Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : >6000 ppm/6H [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : 5620 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50 - Lethal dose, 50 percent kill : 4100 mg/kg [Behavioral - Somnolence (general depressed activity) Behavioral - Changes in motor activity (specific assay) Behavioral - Coma] Oral - Rabbit LD50 - Lethal dose, 50 percent kill : 4935 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50 - Lethal dose, 50 percent kill : 4.1 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Proplyene glycol monomethyl ether :

RTECS Number:	UB7700000
Eye:	Administration into the eye - Rabbit Standard Draize test : 500 mg/24H [Mild] (RTECS)
Skin:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 13 gm/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rabbit Open irritation test : 500 mg [Mild] (RTECS)
Inhalation:	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 10000 ppm/5H [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion:	Oral - Mouse LD50 - Lethal dose, 50 percent kill : 11700 mg/kg [Behavioral - Convulsions or effect on seizure threshold Behavioral - Ataxia Lungs, Thorax, or Respiration - Dyspnea] Oral - Rabbit LD50 - Lethal dose, 50 percent kill : 5700 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Rat LD50 - Lethal dose, 50 percent kill : 6600 mg/kg [Brain and Coverings - Other degenerative changes Behavioral - General anesthetic Lungs, Thorax, or Respiration - Dyspnea] (RTECS)

Decahydronaphthalene :

Skin:	Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 5900 uL/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 710 ppm/4H [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : 4170 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Octamethylcyclotetrasiloxane :

RTECS Number:	GZ4397000
Eye:	Administration into the eye - Rabbit Standard Draize test : 500 mg/24H [Mild] (RTECS)
Skin:	Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill : 1770 mg/kg [Behavioral - Tremor Gastrointestinal - Changes in structure or function of salivary glands Liver - Other changes] Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 794 uL/kg [Kidney/Ureter/Bladder - Hematuria] Administration onto the skin - Rabbit Standard Draize test : 500 mg/24H [Mild] (RTECS)
Inhalation:	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 36 gm/m3/4H [Behavioral - Excitement Lungs, Thorax, or Respiration - Dyspnea Skin and Appendages - Hair] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : 1540 mg/kg [Behavioral - Tremor] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	May cause long-term adverse effects in the aquatic environment.
Environmental Fate:	No environmental information found for this product.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Not Restricted according to Exemption Issued by United States Competent Authority USA - 43
DOT UN Number:	Not Applicable
DOT Hazard Class:	Not applicable.

Notes : The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

SECTION 15 : REGULATORY INFORMATION

Canada WHMIS:	Controlled - Class: B2 Flammable Liquid. Controlled - Class: D2B Toxic
Ethyl alcohol :	
TSCA Inventory Status:	Listed
Massachusetts:	Listed: Massachusetts Oil and Hazardous List
Pennsylvania:	Listed
Canada DSL:	Listed
EC Number:	200-578-6
Ethyl Acetate Reagent :	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
EC Number:	205-500-4
Proplyene glycol monomethyl ether :	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
EC Number:	203-539-1
Decahydronaphthalene :	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
EC Number:	202-046-9
Octamethylcyclotetrasiloxane :	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
EC Number:	209-136-7
WHMIS Pictograms:	

SECTION 16 : ADDITIONAL INFORMATION

HMIS Health Hazard:	2
HMIS Fire Hazard:	3
HMIS Reactivity:	1
HMIS Personal Protection:	X
MSDS Creation Date:	April 07, 2014
MSDS Revision Date:	November 03, 2014
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