

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PERMATEX® FAST ORANGE® Hand Cleaner (Smooth Lotion) - 15 fl. oz. squeeze bottle  
**Product Code:** 23116  
**Stock No.:** 23116  
**Manufacturer Name:** Permatex, Inc.  
**Address:** 10 Columbus Blvd.  
 Hartford, CT 06106  
 USA  
**General Phone Number:** 1-87-Permatex, (877) 376-2839  
**Emergency Phone Number:** 800-255-3924  
**CHEMTREC:** For emergencies in the US, call CHEMTREC: 800-424-9300  
**MSDS Creation Date:** August 30, 2010  
**MSDS Revision Date:** June 30, 2012  
**MSDS Format:** According to ANSI Z400.1-2004



HMIS	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Non hazardous ingredient(s)	No Data	60 - 100 by weight
d-Limonene	5989-27-5	1 - 10 by weight
Ethoxylated C11-C16 Alcohol	127036-24-2	5 - 15 by weight

## SECTION 3 - HAZARDS IDENTIFICATION

**Emergency Overview:** CAUTION! Irritant.  
**Route of Exposure:** Eyes. Skin. Inhalation. Ingestion.  
**Potential Health Effects:**  
**Eye:** May cause eye irritation.  
**Skin:** May cause skin irritation.  
**Inhalation:** Prolonged or excessive inhalation may cause respiratory tract irritation.  
**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## SECTION 4 - FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.  
**Skin Contact:** Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.  
**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point:** Not determined.  
**Flash Point Method:** Not determined.  
**Auto Ignition Temperature:** Not determined.  
**Lower Flammable/Explosive Limit:** Not determined.  
**Upper Flammable/Explosive Limit:** Not determined.

<b>Fire Fighting Instructions:</b>	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
<b>Extinguishing Media:</b>	Use carbon dioxide (CO <sub>2</sub> ) or dry chemical when fighting fires involving this material.
<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Unusual Fire Hazards:</b>	None.
<b>Hazardous Combustion Byproducts:</b>	Oxides of carbon and other unknown organic compounds. Irritating fumes and gases may be released upon thermal processing or during combustion.

#### **NFPA Ratings:**

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0
NFPA Other:	

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personnel Precautions:</b>	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches, and waterways.
<b>Spill Cleanup Measures:</b>	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in section 8.
<b>Methods for containment:</b>	Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.
<b>Methods for cleanup:</b>	Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.
<b>Other Precautions:</b>	Pump or shovel to storage/salvage vessels. Add inhibitor to prevent polymerization.

### SECTION 7 - HANDLING and STORAGE

<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
<b>Storage:</b>	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
<b>Special Handling Procedures:</b>	Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10) during welding/flame cutting operations and to protect against dust during sanding/grinding of cured product.
<b>Hygiene Practices:</b>	Wash thoroughly after handling.

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

<b>Engineering Controls:</b>	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
<b>Eye/Face Protection:</b>	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
<b>Skin Protection Description:</b>	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
<b>Respiratory Protection:</b>	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
<b>Other Protective:</b>	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

## EXPOSURE GUIDELINES

### Notes :

Only established PEL and TLV values for the ingredients are listed.

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	White viscous lotion
Color:	White
Odor:	Orange
Boiling Point:	>390°F (>200°C)
Melting Point:	Not determined.
Specific Gravity:	0.97
Solubility:	Soluble
Vapor Density:	>1 (air=1)
Vapor Pressure:	Not determined.
Evaporation Rate:	Not determined.
pH:	6 - 8
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	Not determined.
Flash Point Method:	Not determined.
Auto Ignition Temperature:	Not determined.
VOC Content:	8%, 78.97 g/l

## SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Exposure to moisture
Incompatible Materials:	Strong oxidizers, Acids

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Non hazardous ingredient(s) :

RTECS Number: VV7565000

### d-Limonene :

RTECS Number: GW6360000

Skin: Administration onto the skin - : >5 gm/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit : >5000 mg/kg [Details of toxic effects not reported other than lethal dose value]  
Administration onto the skin - Rabbit : 10 %/24H  
Administration onto the skin - Rat : 100 %/1H

Ingestion: Oral - Rat LD50: 4400 mg/kg [Behavioral - Changes in motor activity (specific assay) Lungs, Thorax, or Respiration - Respiratory depression Skin and Appendages - Hair]  
Oral - Mouse LD50: 5600 mg/kg [Behavioral - Changes in motor activity (specific assay) Lungs, Thorax, or Respiration - Respiratory depression Skin and Appendages - Hair]

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for the product.
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.

RCRA Number: Not determined.

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**SECTION 14 - TRANSPORT INFORMATION**

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DOT Shipping Name: Not Regulated.  
DOT UN Number: Not applicable.  
DOT Hazard Class: Not applicable.  
DOT Packing Group: Not applicable.

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**SECTION 15 - REGULATORY INFORMATION**

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**Non hazardous ingredient(s) :**

TSCA Inventory Status: Listed  
Massachusetts: Listed  
Pennsylvania: Listed  
Canada DSL: Listed

**d-Limonene :**

TSCA Inventory Status: Listed  
Canada DSL: Listed

**Ethoxylated C11-C16 Alcohol :**

TSCA Inventory Status: Listed  
Canada DSL: Listed  
Canadian Regulations. WHMIS Hazard Class(es): D2B  
All components of this product are on the Canadian Domestic Substances List.

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**SECTION 16 - ADDITIONAL INFORMATION**

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HMIS Health Hazard: 1  
HMIS Fire Hazard: 1  
HMIS Reactivity: 0  
HMIS Personal Protection: X  
MSDS Creation Date: August 30, 2010  
MSDS Revision Date: June 30, 2012  
MSDS Author: Actio Corporation

**Disclaimer:** This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. The information given in the Data Sheet is designed only as a guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment.

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