

Presstek, Inc.

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For Health and Safety Questions call: (603) 595-7000
After Hours Emergency Health/Safety Questions: (800) 391-0698 Prosar (US/Canada)
24 Hour Emergency Spill Contact call: (800) 424-9300 Chemtrec (US/Canada)

Material Safety Data Sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	ABDICK EXPRESS PRESS WASH
Product Code:	36500
MSDS Code:	MSD-B020284
Revision Number:	1
Revision Date:	2011-08-25 08:51:16

II. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%
68410-97-9	Hydrotreated light distillate (naphtha)	~ 100

Please see Section VIII for product and component exposure guidelines. Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).III.

HAZARDS IDENTIFICATION

HMIS Rating	Health: 1	Flammability: 3	Reactivity: 0
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This product falls under the following WHMIS class:

B2

Routes of Entry: Skin contact, Inhalation, Ingestion, Eye contact

Immediate (Acute) Health Effects by Route of Exposure

Inhalation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact: Can cause minor skin irritation.

Eye Contact: Can cause minor irritation, tearing and reddening.

Ingestion: Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. Aspiration of material into the lungs can cause chemical pneumonitis. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision.

Long-Term (Chronic) Health Effects

Reproductive and Developmental: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

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Skin Contact: Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Ingredients of this product appear on the following OSHA identified carcinogen lists at >= 0.1% by weight (yes/no):

OSHA	No	NTP	No	IARC 1 & 2A	No	NIOSH	No
				IARC 2B	No		

IV. FIRST-AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

Eyes: None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

V. FIRE FIGHTING MEASURES

Flammability Summary: Flammable NFPA IB (NFPA description only; not to be used for shipping purposes)

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire. Dry chemical Carbon dioxide Alcohol foam Water fog

Fire and/or Explosion Hazards: Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death. Empty containers retain product residue (liquid and/or vapor). Vapor can ignite potentially causing an explosion.

Fire Fighting Methods and Protection: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

Hazardous Combustion Products: Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

Carbon dioxide, Carbon monoxide

Flash Point: Less than 38 C (100F)

Tested by TAG Closed Cup: 50 deg F

Firepoint: Firepoint not determined.

Autoignition Temperature: 288 deg C 550 deg F

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and No adverse health affects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VIII of this

ABDICK EXPRESS PRESS WASH

Equipment: MSDS. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

Methods for Clean-up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

VII. HANDLING AND STORAGE

Product Use: Press Wash

Handling: Harmful or irritating material. Avoid contacting and avoid breathing the material.

Precautions: Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment

Storage Conditions: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Local exhaust ventilation may be necessary to control any air contaminants to within the TLV during the use of this product Explosion proof exhaust ventilation should be used.

Respiratory Protection: General or local exhaust ventilation is the preferred means of control. If general or local exhaust ventilation is not available or sufficient to control or eliminate symptoms as described in Section III, respiratory protection should be used. Conduct air monitoring to determine if airborne concentrations exceed an applicable exposure limit.

Eye Protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

Skin Protection: Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Wear impervious material. Butyl rubber or Nitrile

Exposure Guidelines:

CAS#	Chemical Name	OSHA Exposure Limits	ACGIH TLV - TWA	ACGIH STEL	IDLH
68410-97-9	Hydrotreated light distillate (naphtha)		No TLV	No STEL	Not on list

If this product is provided in a dry powder state it should be considered a nuisance dust (PEL 10 mg/m3).

If the processing of this product produces a mist it should be considered to be an oil mist with a PEL of 5 mg/m3.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear

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Odor: Petroleum or solvent
Solubility in Water: Negligible; 0 -1%
Vapor Pressure (mmHg @ 20 deg. C): 10.5
Volatile Organic Chemicals % by wt: 100.00
VOC lb/gal 6.16
Boiling Point: 93 deg C 199 deg F
Specific Gravity: 0.74
Bulk Density (lbs/Gal): 6.16
Bulk Density (kg/L): 0.74

X. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Sparks, open flame, other ignition sources, and elevated temperatures.
Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents.

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Data (NIOSH):

CAS#	Chemical Name	LD50/LC50
68410-97-9	Hydrotreated light distillate (naphtha)	No data available

XII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product: Spent or discarded material may be a hazardous waste.
Disposal Methods: Dispose in accordance with Federal, State, Provincial and Local regulations. Material may be compatible with industrial waste incineration or inclusion in a fuel blending program. This characterization is subject to approval by your waste management contractor. This material should be recycled if possible.

XIII. REGULATORY INFORMATION

TSCA Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	CAS #	Regulation	Percentage
Not on list		CERCLA	
Not on list		NPRI (Cdn)	
Not on list		PROP 65	
Not on list		SARA 313	
Not on list		SARA EHS	

The following items require export notification for TSCA

Chemical Name	TSCA 12b list section
Not on list	

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains information required by the Controlled Products Regulations.

XIV. TRANSPORTATION INFORMATION

49CFR/TDG - Limited Quantity:	LIMITED QUANTITY EXCEPTION MAY BE USED IF EACH INNER PACKAGING IS 0.3 GAL (1 L) OR LESS. ADD "LTD QTY" TO DESCRIPTION.
49CFR/TDG - Non-bulk:	UN1268, PETROLEUM DISTILLATES, N.O.S. (NAPHTHA), 3, PGII, ERG128
49CFR/TDG - Bulk:	UN1268, PETROLEUM DISTILLATES, N.O.S. (NAPHTHA), 3, PGII, ERG128
IATA - Limited Quantity:	LIMITED QUANTITY EXCEPTION MAY BE USED IF EACH INNER PACKAGING IS 0.3 GAL (1 L) OR LESS. ADD "LTD QTY" TO DESCRIPTION.
IATA - Non-bulk:	UN1268, PETROLEUM DISTILLATES, N.O.S. (NAPHTHA), 3, PGII, ERG128
IMDG - Non-bulk:	REGULATED. REFER TO BILL OF LADING.

XV. ADDITIONAL INFORMATION

References:

Disclaimer: Presstek, Inc. has prepared this Material Safety Data Sheet ("MSDS") in compliance with 29 CFR 1910.1200, understands that its customers may use this MSDS to comply with that section, and believes that the data set forth herein are accurate as of the date hereof; however, this MSDS shall not constitute a warranty with respect thereto.