

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Peel	PRODUCT USE	Cleaner	ITEM	211
COMPANY NAME	Abernathy Company 3800 Abernathy Drive Texarkana, AR 71854	Office	(870) 774-5103		
		Fax	(870) 772-2908		
		Web	www.abernathycompany.com		

EMERGENCY TELEPHONE NUMBER: INFOTRAC (800) 535-5053

SECTION – 2 HAZARDS INFORMATION

DANGER! Corrosive to Eyes and Skin. Harmful if inhaled. Harmful if swallowed. Spray mists are corrosive to respiratory tract and mucous membranes. Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Avoid release to the environment.



- Irritant (skin and eye)
- Acute Toxicity
- Respiratory Tract Irritant



- Skin Corrosion/Burns
- Eye Damage
- Corrosive to Metals

SECTION – 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret.)

<u>CHEMICAL NAME</u>	<u>COMMON NAME AND SYNONYMS</u>	<u>CAS #</u>	<u>IMPURITIES</u>	<u>PERCENT</u>
Phosphoric Acid	Orthophosphoric Acid	7664-38-2	Water < 25%	20 - 30%
Nonylphenol Ethoxylate	Polyoxyethylene Nonyl Phenyl Ether	127087-87-0	Polyethylene glycol <3%, Dinonylphenyl Polyoxyethylene <2%	1 - 2%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT	Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids. Remove contact lenses if present and easy to do without injury to the eye and continue rinsing. Obtain medical attention, preferably from an ophthalmologist.
SKIN CONTACT	Wash contaminated skin with plenty of water for 15 minutes. Remove any contaminated clothing and wash before reuse. If irritation is present or occurs obtain medical attention.
INHALATION	Remove person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention.
INGESTION	DO NOT INDUCE VOMITING. If person is fully conscious give one to two glasses of water to dilute and obtain medical attention. If vomiting occurs, keep head below hips to prevent aspiration into lungs.

ACUTE – Effects Of Single Overexposure

Eyes	Corrosive to eyes.
Skin	Corrosive to skin.
Inhalation	Spray mists are corrosive to respiratory tract.
Ingestion	Harmful If Swallowed. Can cause burning in the throat and stomach. Low toxicity if swallowed.

CHRONIC – Prolonged or Repeated Overexposure

Eyes	Can cause corrosive burns and permanent eye damage.
Skin	Corrosive to skin. Can cause corrosive burns.
Inhalation	Spray mists are corrosive to respiratory tract. Can cause corrosive burns.
Ingestion	May be Harmful If Swallowed. Can cause corrosive damage of the throat, esophagus and stomach.

Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption.

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media	<u>Suitable</u> Use Water spray, DRY chemicals, CO2 or alcohol foam for the surrounding fire.
Hazardous Decomposition	Burning or thermal decomposition can produce carbon monoxide and/or carbon dioxide and other toxic fumes.
Reactive With	Strong bases or oxidizers.
Protective Equipment	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear.
Explosion Hazards	Not applicable.
Static Discharge	Not applicable.
Mechanical Impact	Not applicable.

FLAMMABLE LIQUIDS HAZARD CLASSIFICATION

Criteria	Flash Point is higher than GHS Criteria.
GHS	Not applicable.
NFPA	IIIB [Flash Point > 93.3°C (200°F)]
WHMIS	Not applicable.

NFPA HAZARD RATINGS

Health	3
Flammability	0
Reactivity	1
Personal Protection	Full Bunker Gear



SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personal to move away.
Personal Precautions	Ventilate area.
Protective Equipment	Safety Glasses, Chemical Gloves, Protective Clothing and Rubber Boots.
Containment	Cover or dike (with an inert material) any floor drains to prevent material from entering the environment.
Clean Up Procedures	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container.
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations.

SECTION – 7 HANDLING AND STORAGE







Handling	Use appropriate safety equipment. Avoid eye and skin contact. Harmful if swallowed. Avoid release to the environment.
Storage	Keep container closed when not in use and store away from incompatible materials.
Incompatible Materials	Avoid contact with strong bases or oxidizers..

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

COMPONENT	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Phosphoric Acid	1 mg/m ³	3 mg/m ³	1 mg/m ³	3 mg/m ³	
Nonylphenol Ethoxylate	Not Established		Not Established		


PERSONAL PROTECTIVE EQUIPMENT

 Chemical Safety Glasses, Goggles or Face Shield	 Butyl or Neoprene Chemical Gloves	 MSHA/NIOSH Approved Respirator	 Impervious Protective Clothing	 Impervious Protective Footwear	 Eye Bath and Safety Shower
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VENTILATION

Ventilate to keep vapors of this material below the lowest ppm listed above. If over Threshold Limit Value use NIOSH approved respirator.

HMIS HAZARD RATINGS

Health	3
Flammability	0
Reactivity	1
Personal Protection	H = 



SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	>212°F (100°C) TAG Closed Cup	Specific Gravity / Relative Density	1.12
Flammable Limits	ND Lower ND Upper	Molecular Weight	Not determined
Auto-Ignition Temp.	Not determined	Initial Boiling Point	Not determined
Physical State	Liquid	Boiling Range	Not determined
Appearance	Clear Green	Vapor Pressure	Not determined
Odor	Mild Acidic	Vapor Density	Not determined
Odor Threshold	Not determined	Freeze Point	Not determined
Solubility (In Water)	100%	Melting Point	Not applicable
Volatiles	< 89%	Partition Coefficient: n-octanol/water (log Kow)	Not determined
VOC	< 1%	Decomposition Temperature	Not determined
pH	< 2.0	Evaporation Rate	Not determined

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available.
Chemical Stability	Stable.
Hazardous Polymerization	Will not occur.
Conditions To Avoid	Incompatible materials.
Incompatible Materials	Strong bases or oxidizers.
Thermal Decomposition	Burning or thermal decomposition can produce carbon monoxide and/or carbon dioxide.

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), **Skin** (Yes), **Inhalation** (Mist), **Ingestion** (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Corrosive to eyes. Product contact with eye's can cause extreme burning pain, impaired or blurred vision.
Skin Corrosive to skin. Brief product skin contact can cause irritation. Prolonged exposure can cause burns.
Inhalation Spray mists are corrosive to respiratory tract. Can cause burning in the nose and throat and difficulty breathing.
Ingestion Harmful If Swallowed. Can cause burning in the throat and stomach. Low toxicity if swallowed.

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Corrosive to eyes. Can cause corrosive burns and permanent eye damage.
Skin Corrosive to skin. Prolonged or repeated overexposure can cause corrosive burns.
Inhalation Spray mists are corrosive to respiratory tract. Can cause burning in the nose and throat and difficulty breathing. Prolonged or repeated overexposure can cause corrosive damage to the respiratory tract.
Ingestion May be Harmful If Swallowed. Can cause corrosive damage of the throat, esophagus and stomach.

Target Organs Skin, Eyes (Lens or Cornea), Respiratory Tract.

Pre-Existing Medical Conditions Persons with pre-existing skin and / or respiratory disorders may be aggravated by exposure to this product.

Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption.

CARCINOGENIC

This product contains concentrations above 0.1% of the following:

Chemical	NTP	ACGIH	IARC	GHS Category
None Listed				

MUTAGENIC AND TERATOGENIC EFFECTS – May cause fetal and reproductive abnormalities.

Chemical	Mutagenic	Teratogenic	Developmental	Percent	GHS Category
None Listed					

ACUTE TOXICITY

Component	Type	Form	Subject	Result Value	Exposure Time	GHS Category
Phosphoric Acid	LD50	Oral	Rat	1530 mg/kg		4 (>300, ≤2000 mg/kg)
	LD50	Dermal	Rabbit	2740 mg/kg		5 (>2000 mg/kg)
Nonylphenol Ethoxylate	LD50	Oral	Rat	960 mg/kg		3 (>300, ≤2000 mg/kg)
	LD50	Dermal	Rabbit	2000 mg/kg		5 (>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

Component	Type	Subject	Result Value	Exposure Time	GHS Category
Phosphoric Acid	LC50	Mosquito Fish (Gambusia affinis)	138 mg/L	96 Hours	3 (>10, ≤100 mg/L)
Nonylphenol Ethoxylate	EC50	Fathead Minnow (Pimephales promelas)	3.8 mg/L	96 Hours	2 (>1, ≤10 mg/L)
	LC50	Fish (Leuciscus idus)	1.3 mg/L	96 Hours	2 (>1, ≤10 mg/L)
	LC50	Bluegill (Lepomis macrochirus)	1.8 mg/L	96 Hours	2 (>1, ≤10 mg/L)

Persistence And Degradability This product is inherently biodegradable according to the OECD definition.

Bioaccumulative Potential No Data Available.

Mobility In Soil No Data Available.

Other Adverse Effects No Data Available.

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations.

ENVIRONMENTAL FATE

This material, as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its composition containing some or all of its components. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270. Disposal can only occur in property permitted facilities, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

SECTION – 14 TRANSPORT INFORMATION**D.O.T. CLASSIFICATION**

UN Number	Proper Shipping Name
UN 3264	Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid)

Hazard Class	Packing Group	Label Codes	Reportable Quantity	Response Code	Marine Pollutant
8	PGII	Corrosive 8	5000 lb	154	No

Placard Label**Placard Label****Hazard Label****SECTION – 15 REGULATORY INFORMATION****TSCA**

Chemical Name	CAS No.	Sec 8(b) Inventory	Sec 8(d) Health & Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
Phosphoric Acid	7664-38-2	Yes	Yes		
Nonylphenol Ethoxylate	127087-87-0	Yes	Yes		

HCS CLASSIFICATION

Corrosive Liquid.

REPORTABLE QUANTITIES

Chemical Name	CAS No.	Extremely Hazardous EPCRA TPQ Sec. 302	Hazardous EPCRA RQ Sec. 304	Reportable Quantity CERCLA RQ Sec. 103	Emission Reporting TRI Sec. 313	RCRA Code	RMP TQ Sec112r
Phosphoric Acid	7664-38-2			5,000			

SARA

Chemical Name	CAS No.	Sec 311			Sec 311 & 312 Hazards			
		Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive	
Phosphoric Acid	7664-38-2	Yes	Yes					
Nonylphenol Ethoxylate	127087-87-0	Yes	Yes	Yes				

RIGHT TO KNOW

Chemical Name	CAS No.	State												
		CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Phosphoric Acid	7664-38-2	Yes			Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	
Nonylphenol Ethoxylate	127087-87-0								Yes					

CALIFORNIA**WARNING! This product contains chemicals known to the state of California to cause:**

Proposition 65	CAS No.	Birth Defects	Reproductive Harm	Carcinogen	Developmental
None Listed					

CLEAN AIR & WATER ACTS

Chemical Name	CAS No.	Clean Air Acts			Clean Water Acts		
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries

Chemical Name	CAS No.	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
Phosphoric Acid	7664-38-2	Yes	Yes	Yes	Yes	Yes	Yes

DSCL (EEC)

Code	Definition (R-Phrases / S-Phrases)
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
S24/25	Avoid contact with skin and eyes
S36/37	Wear suitable protective clothing and gloves.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

WHMIS Classification

Chemical Name	DSL	Class	Definition
Phosphoric Acid	Yes	E	Corrosive Material

SECTION – 16 OTHER INFORMATION

Revision Date: 3/9/2014 Supersedes MSDS Dated:

Source Information	Chemical	Cas No.	Revision Date
Columbus Chemical Industries, Inc. DOW Chemical	Phosphoric Acid Nonylphenol Ethoxylate	7664-38-2 127087-87-0	11/30/2005 7/12/2007

SDS Legend

ACGIH	= American Conference of Governmental Industrial Hygienists	NTP	= National Toxicology Program
CAS	= Chemical Abstracts Service Registry	OSHA	= Occupational Safety and Health Administration
CEILING	= Ceiling Limit (15 minutes)	PEL	= Permissible Exposure Limit (OSHA)
CERCLA	= Comprehensive Environmental Response, Compensation, and Liability Act	PP	= California Priority Pollutant under the Clean Water Act
EPA	= Environmental Protection Agency	REL	= Recommended exposure limit (NIOSH)
HAP	= California Hazardous air pollutant Clean Air Act	SARA	= Superfund Amendments and Reauthorization Act
HS	= California Hazardous Substance under the Clean Water Act	STEL	= Short Term Exposure Limit (15 minutes)
IARC	= International Agency for Research on Cancer	TC Lo	= Lowest air concentration that is toxic to a given species.
LC50	= Air concentration that is lethal to 50% of a given species in a given time.	TD Lo	= Lowest dose that is toxic to a given species.
LD50	= Dose that is lethal to 50% of a given species by a given route of exposure.	TLV	= Threshold Limit Value (ACGIH)
LEL	= Lower Explosive Limit	TP	= California Toxic Pollutant under the Clean Water Act
NE	= Not Established	TWA	= Time Weighted Average (8 hours)
NFPA	= National Fire Protection Association	UEL	= Upper Explosive Limit
NIOSH	= National Institute for Occupational Safety and Health	WHMIS	= Worker Hazardous Materials Information System (Canada)

Disclaimer

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