

Material Safety Data Sheet (MSDS)



Section I		Emergency Telephone No. Domestic & Canada (800) 424-9300 International (703) 527-3887
Trade name (If none, put chemical)	LabSolutions™ - Neutralizing Acid	

Chemical name and synonyms	NA
---------------------------------------	----

Manufacturer's name and telephone number	Labconco Corporation	(816) 333-8811, (800) 821-5525
---	----------------------	--------------------------------

Address (Number, Street, City, State, Zip Code)	8811 Prospect Avenue	Kansas City, Missouri 64132
--	----------------------	-----------------------------

Section II — Hazardous Ingredients	%	TLV	CS	PEL	CS	UNITS	313?
Product consists of:							
Phosphoric Acid	CAS# 7664-38-2	< 50	1.0	1.0			Y

CAS: number beginning with letters are codes for items with no valid CAS assignments.
PEL: OSHA Permissible Exposure Limit.
"C" indicates the standard is a Ceiling value.
"S" indicates the chemical has a "Skin Contact" notation.
TLV: Threshold Limit Value.
313: ingredient is reportable under SARA Title III, Section 313.
 Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

Section III — Physical Data

Boiling Point (° F):	> 212	Specific Gravity (H₂O = 1):	1.18
Vapor Pressure (MM Hg):	NA	% Volatile by Volume:	NA
Vapor density (AIR:1)	NA	pH:	1.00
Solubility in Water:	Complete	Evaporation Rate:	> 1 BuAc = 1
Appearance and Odor:	Clear liquid, odorless		

Section IV — Fire and Explosion Hazard Data

Flash Point (method used):	NA	Flammable Limits:	LEL – NA	UEL – NA
-----------------------------------	----	--------------------------	----------	----------

Extinguishing Media: Use media suitable for surrounding materials.
Special Fire Fighting Procedures: No special procedures required.
Unusual Fire and Explosion Hazards: Protect firefighters from physical contact with product since it is a strong acid cleaner. The product is not anticipated to cause any contribution to the fire, but can cause chemical burns to the skin and eyes if not washed off and neutralized.

Section V — Health Hazard Information

Symptoms and effects of overexposure:

Inhalation of mist may cause severe respiratory irritation. Skin contact may cause reddening and irritation. Eye contact is irritating and may cause damage.

Medical conditions aggravated by overexposure:

Pre-existing skin condition and allergies

Chronic:

Chronic health hazards are difficult to accurately assess for mixtures. Specific chronic effects can be studied from the individual hazardous chemicals as indicated under Section II as the best guess without extensive laboratory studies.

First Aid

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention. Fast response during the first few seconds of exposure is vital to avoid permanent damage.

Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists, seek medical attention. Wash clothing before reuse. Apply lotion to areas where irritation persists.

Ingestion: Contact local poison control center or physician IMMEDIATELY! Do NOT induce vomiting. Give water, milk, or milk of magnesia to help neutralize acid.

Section VI — Reactivity Data

Stability:	Normally stable.
Incompatible Materials:	Strong alkalis (bases).
Hazardous Decomposition Products:	None known.
Polymerization:	Will not occur.

Section VII — Spill or Leak Procedures

Procedures: Wear personal protective equipment (see Section VIII). Wash away with water. Neutralize using a weak alkali, e.g. Sodium bicarbonate. Clean up with absorbent material.

Waste Disposal method: Dispose of in accordance with local, state, and federal regulations.

Section VIII — Special Protection Information

Respiratory: Under normal use, none is needed. If TLV is exceeded, or for symptoms of over exposure, wear NIOSH-approved dust/mist respirator.

Eyewear: Wear chemical goggles.

Clothing/gloves: Wear latex, neoprene or other chemical resistant gloves. Wear lab coat to protect garments.

Ventilation: Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health/safety personnel.

Section IX — Special Precautions

This product does not contain any carcinogens as defined by IARC, NTP, or OSHA.

For Handling and Storing: Store in a close container. Do NOT Freeze. Do NOT store above 100° F or below 40° F. Store separate from strong alkalis.

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or of its use or misuse.

Material Safety Data Sheet (MSDS)



Section I		Emergency Telephone No. Domestic & Canada (800) 424-9300 International (703) 527-3887
Trade name (If none, put chemical)	LabSolutions - Liquid Detergent	

Chemical name and synonyms	NA
-----------------------------------	----

Manufacturer's name and telephone number	Labconco Corporation	(816) 333-8811, (800) 821-5525
---	----------------------	--------------------------------

Address (Number, Street, City, State, Zip Code)	8811 Prospect Avenue	Kansas City, Missouri 64132
--	----------------------	-----------------------------

Section II — Hazardous Ingredients	%	TLV	CS	PEL	CS	UNITS	313?
Product consists of:							
Sodium hydroxide (CAS #1310-73-2)	> 50	2	C	2		mg/m ³	N
Sodium polyacrylate (CAS #9003-01-4)	> 10	2				ppm	N

CAS: number beginning with letters are codes for items with no valid CAS assignments.
PEL: OSHA Permissible Exposure Limit.
“C” indicates the standard is a Ceiling value.
“S” indicates the chemical has a “Skin Contact” notation.
TLV: Threshold Limit Value.
313: ingredient is reportable under SARA Title III, Section 313.
 Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

Section III — Physical Data

Boiling Point (° F):	> 212	Specific Gravity (H₂O = 1):	1.37
Vapor Pressure (MM Hg):	< 18	% Volatile by Volume:	> 57
Vapor density (AIR:1)	< 1	pH:	14 (conc)
Solubility in Water:	Complete	Evaporation Rate:	< 1 BuAc = 1
Appearance and Odor:	Liquid, odorless		

Section IV — Fire and Explosion Hazard Data

Flash Point (method used):	NA	Flammable Limits:	LEL – NA	UEL – NA
Extinguishing Media:	Use media suitable for surrounding materials.			
Special Fire Fighting Procedures:	No special procedures required.			
Unusual Fire and Explosion Hazards:	Strongly reactive with acids, oxidizers.			

Section V — Health Hazard Information

Symptoms and effects of overexposure:

Inhalation of mist may cause severe respiratory irritation. High vapor concentrations may lead to central nervous system depression. Skin contact may cause irritation and burns. Eye contact may cause severe and/or permanent damage.

Medical conditions aggravated by overexposure:

Pre-existing skin conditions and detergent allergies

First Aid

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists, seek medical attention. Wash clothing before reuse.

Inhalation: Move victim to fresh air. Get medical help if irritation persists.

Ingestion: Contact local poison control center or physician IMMEDIATELY!

Section VI — Reactivity Data

Stability:	Normally stable.
Incompatible Materials:	Acids. Contact with certain materials may yield explosive hydrogen gas.
Hazardous Decomposition Products:	Hydrogen
Polymerization:	Will not occur.

Section VII — Spill or Leak Procedures

Procedures: Wear personal protective equipment (see Section VIII). Neutralize using a weak acid. Clean up spill with absorbent material.

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Section VIII — Special Protection Information

Respiratory: If TLV is exceeded, or for symptoms of overexposure, wear NIOSH-approved dust/mist respirator.

Eyewear: Wear chemical goggles.

Clothing/gloves: Wear chemical-resistant gloves and clothing as needed to prevent skin contact.

Ventilation: Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health/safety personnel.

Section IX — Special Precautions

This product does not contain any carcinogens (at 0.1 % or greater) as defined by IARC, NTP, or OSHA.

Safe handling and use precautions:

Store in a closed container in a dry, well-ventilated area. Do NOT freeze.

Material Safety Data Sheet (MSDS)



Section I		Emergency Telephone No. Domestic & Canada (800) 424-9300 International (703) 527-3887
Trade name (If none, put chemical)	LabSolutions™ - Powder Detergent	

Chemical name and synonyms	NA
-----------------------------------	----

Manufacturer's name and telephone number	Labconco Corporation	(816) 333-8811, (800) 821-5525
---	----------------------	--------------------------------

Address (Number, Street, City, State, Zip Code)	8811 Prospect Avenue	Kansas City, Missouri 64132
--	----------------------	-----------------------------

Section II — Hazardous Ingredients	%	TLV	PEL	UNITS
Product consists of:	100			
Sodium tripolyphosphate (CAS #7758-29-4)		NE	NE	
Sodium metasilicate (CAS #6834-92-0)		NE	NE	
Sodium carbonate (CAS #497-19-8)		NE	NE	
Sodium dichloroisocyanurate (CAS #51580-86-0)		NE	NE	
NE- Not Established				

Section III — Physical Data

Boiling Point (° F):	NA	Specific Gravity (H₂O = 1):	1.8 - 2.0
Vapor Pressure (MM Hg):	NA	% Volatile by Volume:	NA
Vapor density (Air:1)	NA	pH (10% solution)	>12
Solubility in Water:	Appreciable	Evaporation Rate:	NA
Appearance and Odor:	White powder, mild odor of chlorine		

Section IV — Fire and Explosion Hazard Data

Flash Point (method used):	none	Flammable Limits:	LEL – NA	UEL – NA
Extinguishing Media:	Use media suitable for surrounding materials.			
Special Fire Fighting Procedures:	No special procedures required.			
Unusual Fire and Explosion Hazards:	None known.			

Section V — Health Hazard Information

Symptoms and effects of overexposure:

Inhalation of dust may cause severe respiratory irritation, skin irritation, possible burns. Eye contact is irritating and may cause permanent damage.

Medical conditions aggravated by overexposure:

Pre-existing skin conditions

Chronic:

The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis. Similarly, inhalation of dust, spray, or mist may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness.

First Aid

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists, seek medical attention. Wash clothing before reuse.

Inhalation: Move victim to fresh air. Get medical help if irritation persists.

Ingestion: Contact local poison control center or physician IMMEDIATELY!

Section VI — Reactivity Data

Stability: Normally stable. Potential for spontaneous polymerization - none

Incompatible Materials: Strong acid

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide and Chlorine gas.

Section VII — Spill or Leak Procedures

Procedures: Wear personal protective equipment (see Section VIII). Carefully clean up spilled material and place in dry containers for disposal. Avoid dust generation.

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Section VIII — Special Protection Information

Respiratory: If TLV is exceeded, or for symptoms of overexposure, wear NIOSH-approved dust/mist respirator.

Eyewear: Wear chemical goggles.

Clothing/gloves: Wear chemical-resistant gloves and clothing as needed to prevent skin contact.

Ventilation: Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health/safety personnel.

Section IX — Special Precautions

Store in closed container in dry, well-ventilated area. This product does not contain any carcinogens (at 0.1 % or greater) as defined by IARC, NTP, or OSHA.

Safe handling and use precautions:

Handle and use LabSolutions in a way that prevents skin and eye contact or inhalation of dust. Always wear skin and eye protection when handling. Store sealed in a dry, cool environment. Refer to Material Data Safety Sheet for advice on dealing with accidental contact.

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or of its use or misuse.