



NAPCO CHEMICAL COMPANY

Safety Data Sheet

NAP-SOL

SECTION 1: Identification

1.1 Product identifier

Product name NAP-SOL

1.2 Other means of identification

NAPCO Polymer Cleaner

1.4 Supplier's details

Name NAPCO Chemical Company
Address 2830 Spring Cypress Rd
Spring, Tx 77383
United States

Telephone 281-651-6800
Fax 281-651-6868

1.5 Emergency phone number(s)

ChemTel 1(800)255-3924

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1A
- Eye damage/irritation (chapter 3.3), Cat. 1
- Carcinogenicity (chapter 3.6), Cat. 1A
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H302 Harmful if swallowed

Safety Data Sheet

NAP-SOL

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H350	May cause cancer
H401	Toxic to aquatic life

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor/...
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Phosphoric acid liquid

Concentration	2 - 3 %
EC no.	231-633-2
CAS no.	7664-38-2
Index no.	015-011-00-6

- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H314	Causes severe skin burns and eye damage
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2. Sulfuric acid (90-98 %)

Concentration	2.05 - 3 %
EC no.	231-639-5
CAS no.	7664-93-9
Index no.	016-020-00-8

- Skin corrosion/irritation (chapter 3.2), Cat. 1A

H314	Causes severe skin burns and eye damage
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Safety Data Sheet

NAP-SOL

3. Benzenesulfonic acid, C10-16-alkyl derivs

Concentration 1.6 %
CAS no. 68584-22-5

4. Dodecylbenzenesulfonic acid solution (IPA)

Concentration 1.6 %
CAS no. 27176-87-0

5. Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs

Concentration 1.6 %
CAS no. 85536-14-7

6. Linear alkylbenzene

Concentration 0.05 %
CAS no. 68648-87-3

7. Benzene, mono-C10-13-alkyl derivs

Concentration 0.05 %
CAS no. 129813-58-7

8. Benzene, c10-13-alkyl derivatives

Concentration 0.05 %
CAS no. 67774-74-7

9. WATER

Concentration 89.05 %
CAS no. 7732-18-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).
If inhaled	Use proper respiratory protection. If breathed in, move person into fresh air and keep at rest in a position comfortable for breathing. Call a Poison Center or doctor/physician if you feel unwell. Symptoms may be delayed.
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of water (for at least 15 minutes). Consult a physician. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

Safety Data Sheet

NAP-SOL

If swallowed

Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into lungs. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician or poison control center immediately.

Personal protective equipment for first-aid responders

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.2 Most important symptoms/effects, acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Symptoms may be delayed.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

5.3 Special protective actions for fire-fighters

Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus in case of fire.

Further information

No unusual fire or explosion hazards noted.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas upwind. Beware of vapors accumulating. Vapors can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Avoid discharge into drains, water courses, sewer or onto the ground. Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Prevent entry into waterways, sewer, basements or confined areas. SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container to be properly disposed at appropriate disposal facility.

Reference to other sections

No additional information available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. When using, do not eat, drink or smoke. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Safety Data Sheet

NAP-SOL

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Keep in dry, cool, and well ventilated area away from heat and sources of ignition. Avoid using glass, metal or stoneware containers. Store away from incompatible materials including any incompatibilities. (See section 10 of the SDS).

Specific end use(s)

Industrial uses. Polymer cleaner.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Phosphoric acid (CAS: 7664-38-2)

PEL (Inhalation): 1 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Phosphoric acid (CAS: 7664-38-2)

PEL (Inhalation): 1 mg/m³, (ST) 3 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. Phosphoric acid (CAS: 7664-38-2)

REL (Inhalation): 1 mg/m³, (ST) 3 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Chemical safety goggles. Face shield. Wear full-face respirator, if needed.

Skin protection

Impermeable protective gloves, such as: nitrile, neoprene, or PVC. Check glove manufacturer's permeation and degradation information. Wear suitable protective clothing. Chemical resistant suit. Rubber apron, boots.

Body protection

Wear suitable protective clothing. Chemical resistant suit. Rubber apron, boots.

Respiratory protection

Use NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Thermal hazards

Wear appropriate thermal protective clothing when necessary.

Environmental exposure controls

Eye wash facilities and emergency shower must be available when handling this product. Should not be released into the environment. See Section 12 for additional ecological information.

SECTION 9: Physical and chemical properties

Safety Data Sheet

NAP-SOL

Information on basic physical and chemical properties

Appearance/form	Liquid/Blue Green
Odor	No data available.
Odor threshold	No data available.
pH	<1
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid heat or contamination.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Oral

Product: ATEmix (): 1,797.79 mg/kg

Dermal

Product: ATEmix (): 2,000 mg/kg

Safety Data Sheet

NAP-SOL

Skin corrosion/irritation

Product: No data available.

Serious eye damage/irritation

Product: No data available.

Respiratory or skin sensitization

Product: No data available.

Germ cell mutagenicity

Product: No data available.

Carcinogenicity

Product: No data available.

Reproductive toxicity

Product: No data available.

Summary of evaluation of the CMR properties

Product: No data available.

STOT-single exposure

Product: No data available.

STOT-repeated exposure

Product: No data available.

Aspiration hazard

Product: No data available.

Additional information

Product: No data available.

SECTION 12: Ecological information

Toxicity

Contains substance which causes risk of hazardous effects to the environment.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Safety Data Sheet

NAP-SOL

Disposal of the product

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Waste treatment

Dispose of in accordance with local regulations.

Sewage disposal

Do not allow.

Other disposal recommendations

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

DOT (US)

UN Number: UN1760

Class: 8

Packing Group: II

Proper Shipping Name: Corrosive liquids, n.o.s. (phosphoric acid, sulfuric acid less than 10% & DDBSA)

Reportable quantity (RQ):

Marine pollutant: Not regulated

Poison inhalation hazard:

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Phosphoric acid

CAS number: 7664-38-2

New Jersey Right To Know Components

Common name: PHOSPHORIC ACID

CAS number: 7664-38-2

Massachusetts Right To Know Components

Chemical name: Dodecylbenzenesulfonic acid

CAS number: 27176-87-0

Safety Data Sheet

NAP-SOL

New Jersey Right To Know Components

Common name: DODECYLBENZENE SULFONIC ACID

CAS number: 27176-87-0

Pennsylvania Right To Know Components

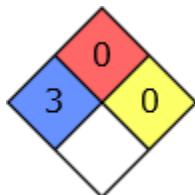
Chemical name: Benzenesulfonic acid, dodecyl-

CAS number: 27176-87-0

HMIS Rating

NAP-SOL	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. NAPCO CHEMICAL COMPANY, INC. DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. NAPCO CHEMICAL COMPANY, INC. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of NAPCO Chemical Company, Inc., and shall be the sole responsibility of the holder or user of the product.