

# SAFETY DATA SHEET



Version 2.0      Revision Date: 03/04/2019      SDS Number: 600000001566      Date of last issue: 09/28/2018  
Date of first issue: 09/28/2018

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## SECTION 1. IDENTIFICATION

Product name : KLEAN WALL II

### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC  
Address : Dallas TX 75225  
Email Address : EHS@niteoproducts.com  
Telephone : 1-844-696-4836  
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

### Recommended use of the chemical and restrictions on use

Recommended use : CLEANER  
Restrictions on use : Use only outdoors or in a well-ventilated area.

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## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with 29 CFR 1910.1200

Corrosive to metals : Category 1  
Skin corrosion : Category 1B  
Serious eye damage : Category 1  
Skin sensitisation : Category 1  
Carcinogenicity : Category 1A

### GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : May be corrosive to metals.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
May cause cancer.

Precautionary statements : **Prevention:**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep only in original container.  
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the

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workplace.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.  
IF exposed or concerned: Get medical advice/ attention.  
If skin irritation or rash occurs: Get medical advice/ attention.  
Wash contaminated clothing before reuse.  
Absorb spillage to prevent material damage.

### Storage:

Store locked up.  
Store in corrosive resistant container with a resistant inner liner.

### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Sulfuric acid	7664-93-9	>= 10 - < 20
Sulfamic acid	5329-14-6	>= 5 - < 10
Phosphoric acid	7664-38-2	>= 3 - < 5
Oxalic acid	144-62-7	>= 1 - < 3
Nitrilotrimethylenetris(phosphonic acid)	6419-19-8	>= 1 - < 5
Disodium Cocoampho Dipropionate	68604-71-7	>= 0.1 - < 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.

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In case of eye contact : Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
Wash contaminated clothing before re-use.  
If skin irritation persists, call a physician.  
: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.

If swallowed : Keep eye wide open while rinsing.  
: Get medical attention immediately.  
Do NOT induce vomiting.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause cancer.  
Causes severe burns.

Notes to physician : This product contains oxalic acid. Following ingestion, inactivate oxalate by giving calcium as a dilute solution of calcium lactate, lime water, finely pulverized chalk, plaster, and/or milk. Gastric lavage is controversial due to possible corrosion in the esophagus or stomach. Systemic effects may be due to formation of a complex between oxalic acid and calcium which is insoluble at physiological pH and can be deposited in the brain and renal tubules, causing nervous system disturbances and kidney damage. Resultant hypocalcemia may be responsible for the muscular and cardiovascular effects, although hypovolemic shock from gastroenteritis or hemorrhage may also cause cardiovascular collapse. Intravenous administration of calcium gluconate or calcium chloride may be required if hypocalcemia or hypocalcemic tetany occur.

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## SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Sulphur oxides  
Oxides of phosphorus  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

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for firefighters

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Avoid breathing dust.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Prevent product from entering drains.  
Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

## SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.  
Do not smoke.  
Avoid contact with skin and eyes.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
Dispose of rinse water in accordance with local and national regulations.  
Container hazardous when empty.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.
- Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Sulfuric acid	7664-93-9	TWA (Thoracic fraction)	0.2 mg/m <sup>3</sup>	ACGIH
		TWA	1 mg/m <sup>3</sup>	NIOSH REL
		TWA	1 mg/m <sup>3</sup>	OSHA Z-1
		TWA	1 mg/m <sup>3</sup>	OSHA P0

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Phosphoric acid	7664-38-2	TWA	1 mg/m3	ACGIH
		STEL	3 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL
		ST	3 mg/m3	NIOSH REL
		TWA	1 mg/m3	OSHA Z-1
		TWA	1 mg/m3	OSHA P0
		STEL	3 mg/m3	OSHA P0
Oxalic acid	144-62-7	TWA	1 mg/m3	ACGIH
		STEL	2 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL
		ST	2 mg/m3	NIOSH REL
		TWA	1 mg/m3	OSHA Z-1
		TWA	1 mg/m3	OSHA P0
		STEL	2 mg/m3	OSHA P0
Nitrioltrimethylene-tris(phosphonic acid)	6419-19-8	TWA	10 mg/m3	US WEEL

## Hazardous components without workplace control parameters

Components	CAS-No.
Sulfamic acid	5329-14-6
Disodium Cocoampho Di-propionate	68604-71-7

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

## Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Wear as appropriate:

Impervious clothing

Safety shoes

Remove and wash contaminated clothing before re-use.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

When using do not smoke.

When using do not eat or drink.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid  
 Colour : green  
 Odour : characteristic

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Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available  
Flash point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Self-ignition : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : > 1 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : soluble

Partition coefficient: n-octanol/water : No data available

Decomposition temperature : No data available

Viscosity  
Viscosity, dynamic : No data available  
Viscosity, kinematic : No data available

Molecular weight : No data available

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.  
Hazardous polymerisation does not occur.

Conditions to avoid : None known.

Incompatible materials : Strong bases  
Strong oxidizing agents

Hazardous decomposition products : Carbon oxides  
Oxides of phosphorus  
Nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides



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## **Product:**

Remarks: Causes severe skin burns and eye damage.

Result: Causes burns.

## **Components:**

### **Sulfuric acid:**

Result: Causes severe burns.

### **Sulfamic acid:**

Result: Severe skin irritation

### **Phosphoric acid:**

Species: Rabbit

Result: Corrosive after 1 to 4 hours of exposure

### **Oxalic acid:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

### **Nitriлотrimethylenetris(phosphonic acid):**

Method: OECD Test Guideline 404

Result: No skin irritation

## **Serious eye damage/eye irritation**

Causes serious eye damage.

## **Product:**

Remarks: May cause irreversible eye damage.

## **Components:**

### **Sulfuric acid:**

Result: Irreversible effects on the eye

Assessment: Corrosive

### **Sulfamic acid:**

Result: Irritating to eyes.

### **Phosphoric acid:**

Result: Irreversible effects on the eye

Assessment: Corrosive

### **Oxalic acid:**

Result: Irreversible effects on the eye





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ment  
**IARC**      Group 1: Carcinogenic to humans  
  
Sulfuric acid      7664-93-9

**OSHA**      No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**      Known to be human carcinogen  
  
Sulfuric acid      7664-93-9

**Reproductive toxicity**  
Not classified based on available information.

**STOT - single exposure**  
Not classified based on available information.

**STOT - repeated exposure**  
Not classified based on available information.

**Aspiration toxicity**  
Not classified based on available information.

**Further information**

**Product:**  
Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

**Toxicity**  
Additional ecological information : No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**  
Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.  
Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

**International Regulations**

**IATA-DGR**  
UN/ID No. : UN 1760

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Proper shipping name : Corrosive liquid, n.o.s.  
(Sulfuric Acid)  
Class : 8  
Packing group : II  
Labels : 8  
Packing instruction (cargo aircraft) : 855  
Packing instruction (passenger aircraft) : 851

### IMDG-Code

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(Sulfuric Acid)  
Class : 8  
Packing group : II  
Labels : 8  
EmS Code : F-A, S-B  
Marine pollutant : no

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### 49 CFR

UN/ID/NA number : UN 1760  
Proper shipping name : Corrosive liquids, n.o.s.  
(Sulfuric Acid)  
Class : 8  
Packing group : II  
Labels : 8  
ERG Code : 154  
Marine pollutant : no

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	67-56-1	100	100 (F003)
Sulfuric acid	7664-93-9	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric acid	7664-93-9	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
Sulfuric acid	7664-93-9	1000

**SARA 311/312 Hazards** : Corrosive to metals

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Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitisation  
Carcinogenicity

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Sulfuric acid                                      7664-93-9                                      >= 10 - < 20 %

### California Prop. 65

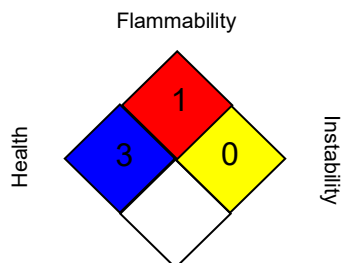
WARNING: This product can expose you to chemicals including Sulfuric acid, Formaldehyde, Dichloroacetic acid, which is/are known to the State of California to cause cancer, and Methanol, Dichloroacetic acid, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



Special hazard.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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