# MSDS - Material Safety Data Sheet

**Product Name:** Furnace Cement

**MSDS No.:** 045020

19050, 19051, 19052, 19053, 19054, 19055, 19060, 19070, 19071, 19072, 19073, 19074, 19075, 19080

**Manufacturer:** AMERISAFE
**Address:** 3990 ENTERPRISE CT AURORA, IL 60504
**Last Update:** 7/6/2002

**Chemical State:**
- Liquid
- Gas
- Solid

**Chemical Type:**
- Pure
- Mixture

## CAS No.

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
<th>% Range</th>
<th>EHS</th>
<th>NTP</th>
<th>IARC</th>
<th>SUB</th>
<th>313</th>
<th>SARA</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>Other Limits</th>
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<tbody>
<tr>
<td>1344086</td>
<td>AQUEOUS SOLUTION OF ALKALINE SODIUM SILICATE</td>
<td>Ni</td>
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## Hazard Category:

- Acute
- Chronic
- Fire
- Pressure
- Reactive

## Hazardous Identification Information:

NDA

## Route(s) of Entry:

SKIN AND INGESTION

**Health Hazards (Acute and Chronic):**

ACUTE

**Signs and Symptoms:**

- EYES: CAN CAUSE IRRITATION OR BURNS, CORNEAL DAMAGE POSSIBLE IF NOT TREATED
- SKIN: CAN CAUSE IRRITATION, MATERIAL IS HIGHLY ALKALINE
- INGESTION: CAN IRRITATE MUCOUS membranes of MOUTH, THROAT, AND STOMACH

## Medical Conditions Generally Aggravated by Exposure:

- SENSITIVE SKIN AREA AND OPEN SORES AND CUTS
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Emergency and First Aid Procedures:
EMERGENCY FIRST AID CALL: 1-305-823-5716 COLLECT EYES: FLUSH WITH LARGE AMOUNTS OF WATER AND CONSULT A PHYSICIAN SKIN: WASH WITH SOAP AND WATER INGESTION: DO NOT INDUCE VOMITING; GIVE WATER AND CALL A PHYSICIAN

Other Health Warnings:
NI

Flash Point: NI
Lower Explosive Limit: NI
Upper Explosive Limit: NI

Fire Extinguishing Media:
NI. DOES NOT BURN.

Special Fire Fighting Procedures:
NI. FIRE RESISTANT; SIMILAR TO FIRE BRICK

Unusual Fire and Explosion:
NI

Steps to be Taken In Case Material is Released or Spilled:
RECOVER SPILLED MATERIAL AND FLUSH SPILL AREA WITH WATER BEFORE SET UP; HARD MATERIAL MAY BE SCOOPED UP AND DISPOSED OF AS SOLID WASTE.

Precautions to be Taken:
KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH EYES AND ANY PROLONGED CONTACT WITH SKIN. DO NOT TAKE INTERNALLY.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN AND PETS!

Ventilation Requirements:
NI

Personal Protective Equipment:
RECOMMEND USING RUBBER GLOVES, EYE PROTECTION AS NECESSARY TO PREVENT CONTACT, AND OTHER PROTECTIVE CLOTHING OR EQUIPMENT SUFFICIENT TO PREVENT SKIN FROM CONTACT. USE NORMAL GOOD SAFETY AND HEALTH PROCEDURES; REMOVE ANY CONTAMINATED CLOTHING IMMEDIATELY AND LAUNDER BEFORE RE-USE.
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Boiling Point: 218 F D
Melting Point: NI
Evaporation Rate: NI

Vapor Pressure (mm Hg): NI
Vapor Density (Air = 1): NI

Solubility in Water: 100% DILUTABLE

Appearance and Odor: FIBROUS GRAY TO BLACK PASTE WITH LIQUID

Other Information:

Stability:
STABLE

Incompatibility (Materials to Avoid):
MATERIAL IS ALKALINE, AVOID CONTACT WITH ACIDS

Decomposition/By Products:
NI

Hazardous Polymerization:
WILL NOT OCCUR

NDA

NDA

DISPOSE OF WASTE MATERIAL ACCORDING TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

TRANSPARATION INFORMATION:
DOT PROPER SHIPPING NAME: FURNACE CEMENT
DOT LABEL: NON-FLAMMABLE
DOT NUMBER: N/A
UN NUMBER: N/A
IMCO CLASS: N/A
DOT HAZARD CLASSIFICATION: N/A

NDA
**MSDS - Material Safety Data Sheet**

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**ABBREVIATIONS:**

N/A = NOT APPLICABLE  N/I = NONE INDICATED  NDA = NO DATA AVAILABLE
N/E = NOT ESTABLISHED  C = CELSIUS DEGREES  F = FAHRENHEIT DEGREES

**DISCLAIMER:**

THE INFORMATION HEREIN HAS BEEN COMPiled FROM SOURCES BELIEVED TO BE RELIABLE, UP-TO-DATE, AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, WILLIAM H. HARVEY COMPANY CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USES.
Material Safety Data Sheet

SECTION 1 - NA=NOT APPLICABLE N/A=NOT AVAILABLE

Manufacturer's Name: PARKER PRODUCTS INC.
Address: 2050 NORTH 15TH AVENUE
City, State, and ZIP: MELROSE PARK, ILLINOIS 60160
Emergency Telephone No.: 708-681-1250
Signature of Person Responsible for Preparation (Optional): Date Prepared: 4/10/96

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s)) OSHA PEL ACGIH TLV Other Exposure Limits % (optional) CAS NO.
AQUEOUS SOLUTION OF NO PEL ESTABLISHED 1344-09-1
ALKALINE SODIUM SILICATE

EXPOSURE MAY BE EVALUATED AS
PEL=2mg/m³ 8-hr TWA as NaOH
TLV=2mg/m³ Ceiling as NaOH

HMIS HAZARD RATINGS
HEALTH HAZARD 2 FIRE HAZARD 0 REACTIVITY 0
SARA/TITLE 111 HAZARD CATEGORIES
IMMEDIATE (ACUTE) YES REACTIVE HAZARD NO--SUDDEN RELEASE OF PRESSURE NO
DELAYED (CHRONIC) HEALTH NO--FIRE HAZARD NO

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 216 °F Specific Gravity H₂O=1: 1.30−1.71 Vapor Pressure (mm Hg): N/A
Vapor Density (Air = 1): N/A
Solubility in Water: 100% Reactivity in Water: N/A
Appearance and Odor: GRAY TO BLACK MORTAR Melting Point: N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: NONE Method Used: N/A Flammable Limits in Air % by Volume: LEL: NONE UEL: NONE
Auto-Ignition Temperature: NONE Extinguisher Media: NONE
Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: NONE
SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable
Condition to Avoid
Phase
Material is alkaline. Avoid contact with acids.

SEE ABOVE

Hazardous Decomposition Products

NONE

Hazardous May Occur In Conditions
Polymerization Will Not Occur to Avoid

NOT KNOWN TO POLYMERIZE

SECTION 6 - HEALTH HAZARDS

1. Acute

NA

2. Chronic

NA

Signs and Symptoms of Exposure

NA

Medical Conditions Generally Aggravated by Exposure

OPEN SORES AND CUTS—SENSITIVE SKIN AREAS

Chemical Listed as Carcinogen or Potential Carcinogen

NO

National Toxicology Program

Yes □ No ☒

I.A.R.C. Monographs

Yes □ No ☒

OSHA

Yes □ No ☒

Emergency and First Aid Procedures

FLUSH AFFECTED AREAS WITH WATER

1. Inhalation

NONE

2. Eyes

WILL CAUSE SEVERE IRRITATION—flush with water seek aid

3. Skin

will aggrivate cuts & sores. flush with water

4. Ingestion

CAN IRRITATE MUCOUS MEMBRANES OF MOUTH THROAT & STOMACH

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage

NORMAL SHELF STORAGE

Other Precautions

KEEP CONTAINERS COVERED, AWAY FROM ACIDS

Steps to be Taken in Case Material is Released or Spilled

WASH DOWN WITH WATER BEFORE SETTING. HARD MATERIAL MAY BE SHOVED UP AND DISCARDED AS SOLID WASTE

Waste Disposal Methods (Consult Federal, state, and local regulations)

DISCARD AS NON HAZARDOUS

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection

NONE

Specify Type

Ventilation

NONE Local Exhaust NONE Mechanical (General) NONE

Protective Gloves

SUGGESTED Eye Protection GOGGLES WHEN WORKING BELOW

Other Protective Clothing or Equipment

NORMAL WORKING CLOTHES

Wash Hands

PRACTICE SAFE WORKING HABITS

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.