

## SeasonAL (026)

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### 1.1. Product Identifier

#### Product Name and Code:

SeasonAL (026)

### 1.2. Intended Use of the Product

Use of the substance/mixture: Seasoning agent for Aluminum Forms

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

Kaufman Products, Inc.  
3811 Curtis Avenue  
Baltimore, MD 21226-1131  
410-354-8600

<http://www.kaufmanproducts.net/>

### 1.4. Emergency Telephone Number

Emergency Number : 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### Classification (GHS-US)

Met. Corr. 1 H290

Skin Corr. 1A H314

### 2.2. Label Elements

#### GHS-US Labeling

#### Hazard Pictograms (GHS-US)



#### Signal Word (GHS-US)

Danger

#### Hazard Statements

H290 - May be corrosive to metals

H314 – Causes severe skin burns and eye damage

#### Precautionary Statements (GHS-US)

P234 – Keep only in original container

P260 – Do not breathe dust/fume/gas/mist/vapor/spray

P264 – Wash exposed areas thoroughly after handling

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing

P305+P310 – IF IN EYES: Immediately call a POISON CENTER or doctor/physician

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

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Remove contact lenses if present and easy to do so-continue rinsing  
P362 – Take off contaminated clothing and wash before reuse  
P501 - Dispose of contents/container to local, regional, national, and international regulations

#### 2.3. Other Hazards

No additional information available

#### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixture: Form Seasoning Agent

Name	Product identifier	%	Classification (GHS-US)
Sodium Hydroxide	(CAS No) 1310-73-2	3-10	Metal orrosive 1, H290 Skin corrosion, 1A, H314

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**First-aid Measures After Ingestion:** SEEK MEDICAL ATTENTION IMMEDIATELY. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/Injuries:** Remove exposed person to fresh air. Oxygen may be administered if breathing becomes difficult. Artificial respiration should be started immediately if the individual stops breathing.

**Symptoms/Injuries After Inhalation:** Remove to fresh air

**Symptoms/Injuries After Skin Contact:** May cause skin irritation or burns.

**Symptoms/Injuries After Eye Contact:** Flush eyes with water for at least 20 minutes while holding eyelids open. Seek medical attention.

**Symptoms/Injuries After Ingestion:** SEEK MEDICAL ATTENTION IMMEDIATELY.

**Chronic Symptoms:** Pre-existing skin, lung, central nervous system, and kidney conditions may be aggravated by exposure to the components of this product. Exposure to fluorides at concentrations above the TLV or PEL may cause a chronic bone fluorosis.

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** The product is not combustible. Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** All extinguishing media are allowed. Select appropriate extinguishing media depending on the surrounding fire.

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#### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Product is an aqueous solution which will not burn.

**Explosion Hazard:** Not established

**Reactivity:** Not reactive

#### 5.3. Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. Self contained breathing apparatus operating in the positive pressure mode and full fire fighting gear should be worn for combating fires.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not allow product to spread into the environment.

##### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

#### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Collect spillage. Clear up spills immediately and dispose of waste safely. Material collected during clean up may be contaminated and should be treated as hazardous unless specific testing, including TCLP, shows it to be non-hazardous. Releases may be reportable to local, state, and/or federal authorities.

#### 6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Avoid contact with skin and eyes.

**Precautions for Safe Handling:** Use in a well-ventilated area. Avoid breathing vapours, mist, spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

#### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Store in cool, dry place.

**Storage Conditions:** Keep container closed when not in use.

**Incompatible Products:** Flammable hydrogen gas and heat may be produced on prolonged contact with metals such as aluminum, tin, lead, zinc and galvanized metals.

**Incompatible Materials:** Heat sources.

**Storage Area:** Store above 14 degrees F. to avoid freezing.

#### 7.3. Specific End Use(s): Aluminum form seasoning agent.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control Parameters:

**Sodium Hydroxide (CAS No) 1310-73-2**

ACGIH TLV: Not Established

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#### 8.2. Exposure Controls

##### Appropriate Engineering Controls

: Ensure all national/local regulations are observed.

##### Personal Protective Equipment

: Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves. Protective goggles.



##### Materials for Protective Clothing

: Chemically resistant materials and fabrics.

##### Hand Protection

: Wear chemically resistant protective gloves.

##### Eye Protection

: Chemical goggles or safety glasses.

##### Skin and Body Protection

: Wear suitable protective clothing.

##### Respiratory Protection

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

##### Other Information

: When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on Basic Physical and Chemical Properties

##### Physical State

: Liquid

##### Appearance

: Water clear

##### Odor

: No data available

##### Odor Threshold

: No data available

##### pH

: No data available

##### Relative Evaporation Rate (butylacetate=1)

: No data available

##### Relative evaporation rate (ether=1)

: No data available

##### Melting Point

: No data available

##### Freezing Point

: -10 C (14 F)

##### Boiling Point

: 100 °C (212 °F)

##### Flash Point

: Not flammable

##### Auto-ignition Temperature

: No data available

##### Decomposition Temperature

: No data available

##### Flammability (solid, gas)

: No data available

##### Vapor Pressure

: No data available

##### Relative Vapor Density at 20 °C

: No data available

##### Relative Density

: 1.1 Kg per Liter 9.2 lbs per gal.

##### Solubility

: Water: Miscible

##### Log Pow

: No data available

##### Log Kow

: No data available

##### Viscosity

: No data available

#### 9.2. Other Information

##### VOC content

: Not Available

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## SECTION 10 : STABILITY AND REACTIVITY

- 10.1 Reactivity:** No additional information available
- 10.2 Chemical Stability:** Stable under normal conditions
- 10.3 Possibility of Hazardous Reactions:** Will not polymerize
- 10.4 Conditions to Avoid:** Extreme high or low temperatures. Avoid freezing.
- 10.5 Incompatible Materials:** Flammable hydrogen gas and heat may be produced on prolonged contact with metals such as aluminium, tin, lead, zinc and galvanized metals.
- 10.6 Hazardous Decomposition Products:** No data available

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

**Acute Toxicity:** No adverse effects expected under intended use.

<b>Water (7732-18-5)</b>	
<b>LD50 Oral Rat</b>	> 90000 mg/kg

**Skin Corrosion/Irritation:** May cause serious skin irritation and damage

**Serious Eye Damage/Irritation:** May cause serious eye irritation and damage.

**Respiratory or Skin Sensitization:** May be irritating to respiratory track

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** No

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** No data available

**Specific Target Organ Toxicity (Repeated Exposure):** No data available

**Aspiration Hazard:** Not classified

**Potential Adverse Human Health Effects and Symptoms:** Irritating.

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Direct contact with the eyes may cause severe irritation and damage.

**Symptoms/Injuries After Ingestion:** May cause nausea.

**Chronic Symptoms:** . : No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : No data available

### 12.2. Persistence and Degradability

<b>Form Seasoning</b>	
<b>Persistence and Degradability</b>	Readily biodegradable.

### 12.3. Bioaccumulative Potential

<b>Form Seasoning</b>	
<b>Bioaccumulative Potential</b>	No data available

**12.4. Mobility in Soil** No additional information available

### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

# KAUFMAN

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INFORMATION

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Additional Information:**

**Ecology – Waste Materials:** May be hazardous waste.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 In Accordance with DOT :

**Proper Shipping Name** : Corrosive liquid, n.o.s.,(Sodium Hydroxide)  
**Hazard Class** : 8  
**Identification Number** : UN1760  
**Label Codes** : 8  
**Packing Group** : III  
**ERG Number** : 154



### 14.2 In Accordance with IMDG

**Proper Shipping Name** : Corrosive liquid, n.o.s.,(Sodium Hydroxide)  
**Hazard Class** : 8  
**Identification Number** : UN1760

## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations

<b>SARA Section 313</b>	Contains no ingredients at or above the De Minimus reporting level
<b>TSCA</b>	All ingredients are listed or exempt

### 15.2 US State Regulations

**California:** This product does not contain any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

## SECTION 16: OTHER INFORMATION

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

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