

# K A U F M A N

PRODUCT  
INFORMATION

KAUFMAN  
PRODUCTS  
INC.

3811 CURTIS  
AVENUE

BALTIMORE,  
MARYLAND  
21226-1131

410-354-8600  
800-637-6372  
www.kaufman  
products.net

## Excell NC 80 (723)

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 11/07/14 Supersedes: 10/07/14

Version: 1.0

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

### 1.1. Product Identifier

**Product Name:** Excell NC 80 (723)

### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Accelerator

### 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)

Acute toxicity, oral Cat. 4 H302

Skin irritant, 2 H315

Serious eye damage, eye irritant, 2A H319

### 2.2. Label Elements

#### GHS-US Labeling

#### Hazard Pictograms (GHS-US)



GH507

#### Signal Word (GHS-US)

Warning

#### Hazard Statements

H302 - Harmful if swallowed

H315- Causes skin irritation

H319 - Causes serious eye irritation

#### Precautionary Statements (GHS-US)

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P261 - Avoid breathing mist, spray, vapors

P273 - Avoid release to the environment

P280 - Wear eye protection, protective clothing, protective gloves

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 position comfortable for breathing

P308+P313 - If exposed or concerned: Get medical advice/attention

P312 - Call a POISON CENTER/doctor/physician if you feel unwell

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.

## Excell NC 80 (723)

### Safety Data Sheet

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

P370+P378 - In case of fire: Use appropriate media for extinction  
 P391 - Collect spillage  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
 P235 - Keep cool  
 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

Name	Product identifier	%	Classification (GHS-US)
Water	(CAS No) 7732-18-5	65-70	Not classified
Calcium Nitrate	15842-29-2	30-35	Acute Toxicity, oral Cat. 4,H302 Skin irritant, 2 Eye Irritation 2A,H319

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.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting.

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

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

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

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

**Symptoms/Injuries After Eye Contact:** Direct contact with the eyes is likely irritating.

**Symptoms/Injuries After Ingestion:** Wash out mouth with water, obtain medical advice if symptoms persist.

**Chronic Symptoms:** None identified.

#### 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.

# K A U F M A N

PRODUCT  
INFORMATION

KAUFMAN  
PRODUCTS  
INC.

3811 CURTIS  
AVENUE

BALTIMORE,  
MARYLAND  
21226-1131

410-354-8600  
800-637-6372  
www.kaufman  
products.net

## Excell NC 80 (723)

### Safety Data Sheet

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

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

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

**Fire Hazard:** Product is an aqueous solution which will not burn. However, if evaporated to dryness it is an oxidizer and can sustain combustion.

**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.

### 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.

#### 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:** Strong acids. Strong bases. Strong oxidizers.

**Incompatible Materials:** Heat sources.

**Storage Area:** Store locked up. Store in a well-ventilated place. Keep cool.

#### 7.3. Specific End Use(s): Accelerator

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control Parameters: Not Applicable

#### 8.2. Exposure Controls

**Appropriate Engineering Controls** : Ensure all national/local regulations are observed.

## Excell NC 80 (723)

### Safety Data Sheet

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

**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** : 9.2+1-0.1  
**Relative Evaporation Rate (butylacetate=1)** : No data available  
**Relative evaporation rate (ether=1)** : Slower than ether  
**Melting Point** : No data available  
**Freezing Point** : No data available  
**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** : Heavier than air  
**Relative Density** : 1.29  
**Solubility** : Water: Miscible  
**Log Pow** : No data available  
**Log Kow** : No data available  
**Viscosity** : No data available

### 9.2. Other Information

**VOC content** : 0 %

## Excell NC 80 (723)

### Safety Data Sheet

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

#### SECTION 10 : STABILITY AND REACTIVITY

- 10.1 **Reactivity:** Stable under normal conditions
- 10.2 **Chemical Stability:** Stable
- 10.3 **Possibility of Hazardous Reactions:** Will not polymerize
- 10.4 **Conditions to Avoid:** Avoid contact with extreme heat and incompatible materials.
- 10.5 **Incompatible Materials:** Avoid contact with flammable and combustible materials, strong reducing agents and finely powdered metals.
- 10.6 **Hazardous Decomposition Products:** Calcium compounds and Nitrogen oxides.

#### SECTION 11 : TOXICOLOGICAL INFORMATION

##### 11.1. Information On Toxicological Effects

**Acute Toxicity:** Ingestion of small amounts incidentally as a result of normal handling are not likely to cause injury. Ingestion of large amounts of the Nitrate component of this product may cause methemoglobinemia upon ingestion characterized by cyanosis, headache, dizziness, fatigue, nausea vomiting, drowsiness, stupor, coma and rarely death.

<b>Water (7732-18-5)</b>	
LD50 Oral Rat	> 90000 mg/kg
<b>Calcium Nitrate (10124-37-5)</b>	
LD Oral Rat	> 13,900 mg/kg

**Skin Corrosion/Irritation:** Irritating to skin

**Serious Eye Damage/Irritation:** Highly irritating

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** No

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** May cause respiratory irritation.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**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 is likely irritating.

**Symptoms/Injuries After Ingestion:** No long term effects if small quantities are ingested.

**Chronic Symptoms:** None identified.

#### SECTION 12: ECOLOGICAL INFORMATION

##### 12.1. Toxicity

**Ecology - General** : Calcium chloride is not classified as hazardous for the environment.

##### 12.2. Persistence and Degradability

<b>Excell NC 80 (723)</b>	
<b>Persistence and Degradability</b>	Not established.

##### 12.3. Bioaccumulative Potential

<b>Excell NC 80 (723)</b>	
<b>Bioaccumulative Potential</b>	None

# K A U F M A N

PRODUCT  
INFORMATION

KAUFMAN  
PRODUCTS  
INC.

3811 CURTIS  
AVENUE

BALTIMORE,  
MARYLAND  
21226-1131

410-354-8600  
800-637-6372  
www.kaufman  
products.net

## Excell NC 80 (723)

Safety Data Sheet

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

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

**12.5. Other Adverse Effects**

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

### 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:** No data available

### SECTION 14: TRANSPORT INFORMATION

**14.1 In Accordance with DOT** : NOT REGULATED

**14.2 In Accordance with IMDG** : NOT REGULATED

**14.3 In Accordance with IATA** : NOT REGULATED

### SECTION 15: REGULATORY INFORMATION

**15.1 US Federal Regulations**

SARA Section 302 - None known	1.0 %
-------------------------------	-------

**Water (7732-18-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

**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:**

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Flam. Liq. 2	Flammable liquids Category 2
Repr. 1A	Reproductive toxicity Category 1A
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H232	May form combustible dust concentrations in air
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.

# K A U F M A N

PRODUCT  
INFORMATION

KAUFMAN  
PRODUCTS  
INC.

3811 CURTIS  
AVENUE

BALTIMORE,  
MARYLAND  
21226-1131

410-354-8600  
800-637-6372  
www.kaufman  
products.net

## Excell NC 80 (723)

### Safety Data Sheet

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

H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

#### LIMITED WARRANTY

*We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.*

#### DISCLAIMER

*The information provided in this Safety Data Sheet is believed to be accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed solely as a guide for the safe handling, use, processing, storage, transportation, disposal, and release by a person trained in chemical handling. This 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 on either the latest version of our product data sheet or safety data sheet. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.*

SDS US (GHS HazCom) - US Only 10 pt 2

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.