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SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING


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|------------|---|--|
| <b>1.1</b> | <b>Product Identifier</b><br>Product Name   | <b>SORBIC ACID NF (FCC, Grade)</b>   |
| <b>1.2</b> | <b>Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b><br>Identified uses | Cosmetic raw material  |
| <b>1.3</b> | <b>Details of the Supplier of the Safety Data Sheet</b><br>Company                                      | JEEN International Corporation<br>24 Madison Road<br>Fairfield, New Jersey 07004<br>Tel: +1-973-439-1401<br>Fax: +1-973-439-1402<br>email: <a href="mailto:info@jeen.com">info@jeen.com</a><br>Website: <a href="http://www.jeen.com">www.jeen.com</a> |
| <b>1.4</b> | <b>Emergency telephone number</b>   | +1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)  |

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SECTION 2 – HAZARDS INGREDIENTS

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|------------|--|---|
| <b>2.1</b> | <b>Classification of the Substance or Mixture</b> according to Regulation (EC) 1272/2008 | Skin Irritant<br>Eye Irritant   |
| <b>2.2</b> | <b>Label Elements</b> according to Regulation (EC) EU 1272/2008<br>Hazard pictogram      | GHS07<br>   |
|            | Signal words   | Warning   |
|            | Hazard statements  | H315 - Causes skin irritation<br>H319 - Causes eye irritation   |
|            | Precautionary statements   | P264 - Wash thoroughly after handling.<br>P280 - Wear protective gloves.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.<br>P305+351+P338 - IF IN EYES: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337+P313 - If eye irritation persists: Get medical advice/attention. |
| <b>2.3</b> | <b>Other Hazards</b>   | None known  |



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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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**3.1 Substances**

Chemical characterization	Cosmetic ingredients
INCI	Sorbic Acid
CAS	110-44-1
EC	203-768-7
Concentration	100%

**3.2 Mixture**

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**SECTION 4 – FIRST AID MEASURES**

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**4.1 Description of First Aid Measures**

Eye Contact:	Check for and remove any contact lenses. Immediately flush eye with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact:	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Serious Skin Contact:	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Serious Ingestion:	Not available.
Ingestion:	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical attention.
Serious Ingestion:	Not available.

**4.2 Most important Symptoms and Effects**

No information available

**4.3 Indication of any immediate Medical Attention and special Treatment needed**

No information available.

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**SECTION 5 – FIRE FIGHTING MEASURES**

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<b>5.1 Flammability of the Product</b>	May be combustible at high temperature
<b>5.2 Auto-Ignition Temperature</b>	Not available
<b>5.3 Flash Point</b>	Open cup: 127 deg. C (260.6 deg. F)



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5.4	<b>Flammable Limits</b>	Not available
5.5	<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> )
5.6	<b>Fire Hazards in Presence of Various Substances</b>	Not available
5.7	<b>Explosion Hazards in Presence of Various Substances</b>	Not available
5.8	<b>Risks of explosion of the product in presence of mechanical impact</b>	Not available
5.9	<b>Fire Fighting Media and Instructions</b>	
	Small Fire:	Use dry chemical powder
	Large Fire:	Use water spray, fog or foam. Do not use water jet.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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6.1	<b>Methods and Material for Containment and Cleaning Up</b>	
	Small spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
	Large spill:	Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution of sodium carbonate. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
6.2	<b>Reference to other Sections</b>	Section 8: Exposure control /personal protection. Section 13: Waste treatment.

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**SECTION 7 – HANDLING AND STORAGE**

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7.1	<b>Precautions for Safe Handling</b>	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment if you feel unwell, seek medical attention and show the label when possible.
7.2	<b>Condition for Safe Storage, including any Incompatibilities</b>	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible



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materials should be stored away from extreme heat and away from strong oxidizing agents.

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**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

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|------------|--------------------------------------|---|
| <b>8.1</b> | <b>Engineering Controls</b>          | Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.   |
| <b>8.2</b> | <b>Personal Protective Equipment</b> | Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Large Spill<br>Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus Should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product. |
| <b>8.3</b> | <b>Exposure Limits</b>               | Not available.  |

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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|------------|--|--------------------------------------|
| <b>9.1</b> | <b>Information on basic Physical and Chemical Properties</b> |                                      |
|            | Physical State and Appearance:                               | Solid                                |
|            | Odor:  | Not available                        |
|            | Taste:   | Not available                        |
|            | Color:   | Not available                        |
|            | Molecular Weight:  | 112.12 g/mole                        |
|            | pH (1% soln.water):  | 3 (Acidic)                           |
|            | Boiling Point:   | 228 deg. C (442.4 deg F)             |
|            | Melting Point:   | 134.5 deg. C (274.1deg. F)           |
|            | Critical Temperature:  | Not available                        |
|            | Specific Gravity:  | 1.204(water =1)                      |
|            | Vapor Pressure:  | Not available                        |
|            | Vapor Density:   | 3.87 (Air =1)                        |
|            | Volatility:  | Not available                        |
|            | Odor Threshold:  | Not available                        |
|            | Water/Oil Dist. Coeff.:                                      | Not available                        |
|            | Ionicity (in water):   | Not available                        |
|            | Dispersion Properties:                                       | Not available                        |
|            | Solubility:  | Very slightly soluble in cold water. |

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**SECTION 10 – STABILITY AND REACTIVITY**

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|-------------|--------------------------------|------------------------------------|
| <b>10.1</b> | <b>Stability</b>               | The product is stable              |
| <b>10.2</b> | <b>Instability Temperature</b> | Not available                      |
| <b>10.3</b> | <b>Corrosivity</b>             | Non-corrosive in presence of glass |



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**10.4 Special Remarks on Reactivity** Not available

**10.5 Polymerization** No

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Effects** No data available

**SECTION 12 - ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity** Not available

**12.2 BOD5 and COD** Not available

**12.3 Products of Biodegradation** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**12.4 Toxicity of the Products of Biodegradation** The products of degradation are more toxic

**12.5 Special remarks on the Products of Biodegradation** Not available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods** Dispose of in accordance with national, state and local regulations.

**SECTION 14 – TRANSPORTATION INFORMATION**

**14.1 Shipping Description**  
 DOT Classification: Not a DOT controlled material (United States)  
 IATA Class: Not dangerous goods  
 Special Provisions for Transport: Not available

**SECTION 15 – REGULATORY INFORMATION**

Federal and State Regulations:  
 TSCA 8(b) inventory: Sorbic acid  
 California Proposition 65 Warning:  
 Other Regulations: Not available

Other Classifications:  
 WHMIS (Canada): Class D-2B: Material causing other toxic effects (Toxic)

HMIS (U.S.A):  
 Health Hazard (2)  
 Fire Hazard (1)  
 Reactivity (0)  
 Personal Protection (E)  
 National Fire Protection Association (U.S.A)  
 Health (2)  
 Flammability (1)



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Reactivity (0)

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**SECTION 16 – OTHER INFORMATION**

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Reference: Not available  
Other Special Considerations: Not available

**Bill of Lading Description:**

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