



## SAFETY DATA SHEET DRY APPLE-ADE

### 1. Identification

#### Product identifier

Product name                      DRY APPLE-ADE

Product number                    01160

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

Application                        Dry flavoring agent for livestock feeds

#### Details of the supplier of the safety data sheet

Manufacturer                      Nutriad Inc  
201 Flannigan Road  
Hampshire, IL 60140  
info.usa@nutriad.com  
Tel: 847-214-4860  
Fax: 847-214-4880

#### Emergency telephone number

800-424-9300 Chemtrec

### 2. Hazard(s) identification

#### Classification of the substance or mixture

Physical hazards                   Not Classified

Health hazards                    Skin Sens. 1 - H317

Environmental hazards           Not Classified

#### Label elements

##### Pictogram



Signal word                        Warning

Hazard statements                H317 May cause an allergic skin reaction.

Precautionary statements      P261 Avoid breathing dust.  
P264 Wash contaminated skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves.  
P280 Wear eye protection.  
P302+P352 If on skin: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container in accordance with local regulations.

Contains                          Citral

### 3. Composition/information on ingredients

#### Mixtures

Citral	<1%
CAS number: 5392-40-5	
Classification	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	

The Full Text for all Hazard Statements are Displayed in Section 16.

#### 4. First-aid measures

##### Description of first aid measures

General information	Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water. Wash contaminated clothing before reuse.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing.

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

Skin contact	This product contains a sensitizing substance.
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#### 5.Fire-fighting measures

##### Extinguishing media

Suitable extinguishing media	Use water spray, alcohol resistant-foam, dry chemical or carbon dioxide.
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##### Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include irritating gases or vapors, carbon dioxide (CO <sub>2</sub> ), and carbon monoxide (CO).
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##### Advice for firefighters

Protective actions during firefighting	Evacuate area.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for fire-fighting if necessary.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid inhalation of dust and contact with skin and eyes. Gloves, eye protection, and dust mask recommended.
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##### Environmental precautions

There is no information on effects to aquatic organisms for this product.

##### Methods and material for containment and cleaning up

Methods for cleaning up	When handling waste, the safety precautions applying to handling of the product should be considered. Collect in containers for removal and flush area with water.
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#### 7. Handling and storage

##### Precautions for safe handling

Usage precautions	Avoid contact with skin and eyes.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

##### Conditions for safe storage, including any incompatibilities

Storage precautions                      Store tightly closed in the original container, in a dry and well-ventilated place.

## 8. Exposure Controls/personal protection

### Control parameters

### Occupational exposure limits

Citral

Long-term exposure limit (8-hour TWA): ACGIH 5 ppm

A4, Sens, Sk

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Sens = Sensitizer.

Sk = Danger of cutaneous absorption.

### Exposure controls

#### Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Personal protective equipment should be used if worker exposure cannot be controlled by the engineering control measures.

Personal protection

Eye protection, chemical resistant gloves, and dust mask are recommended.

Hygiene measures

Wash promptly with soap and water if skin becomes contaminated.

Respiratory protection

Suitable respiratory protection should be worn if the airborne contamination exceeds the recommended exposure limit.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance                      Light tan free-flowing powder

Odor                                  Aromatic, characteristic apple

Solubility(ies)                      Not soluble

## 10. Stability and reactivity

Stability                              Stable at normal ambient temperatures and when used as recommended.

Materials to avoid                      Incompatible with strong oxidizing agents.

Hazardous decomposition products                      Combustion will produce carbon dioxide and possibly carbon monoxide.

## 11. Toxicological information

### Information on toxicological effects

Toxicological effects                      There is no toxicological data for this product.

### Skin sensitisation

Contains a skin sensitizer.

## 12. Ecological Information

Ecotoxicity                              Ecological toxicity data is not available for this product.

## 13. Disposal considerations

Waste treatment methods

General information      Dispose of waste product or used containers in accordance with local regulations.

14. Transport information

General      Not dangerous goods.

Road transport notes      Not regulated.

Sea transport notes      Not regulated.

15. Regulatory information

US State Regulations

Massachusetts "Right To Know" List

Silicon Dioxide

Minnesota "Right To Know" List

Silicon Dioxide

New Jersey "Right To Know" List

Silicon Dioxide

Pennsylvania "Right To Know" List

Silicon Dioxide

16. Other information

Supersedes date      5/15/2015

SDS No.      51012      27-July-2015      Rev. 1

Hazard statements in full      H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.