

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

## 1 Identification

- **Product identifier**
- **Trade name:** ROAST CHICKEN NATURAL FLAVOR
- **Article number:** 55.1018 (AAHM)
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
OliveNation LLC  
13 Robbie Road #A4  
Avon, MA 02322  
USA  
617-580-3667
- **Information department:** Regulatory department
- **Emergency telephone number:**  
During normal opening times: Call Chemtrec Day or Night  
Domestic North America 800.424.9300/International 703.527.3887 (Collect calls accepted)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Carc. 1A H350 May cause cancer.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

ETHYL ALCOHOL

- **Hazard statements**

Flammable liquid and vapor.

May cause cancer.

(Contd. on page 2)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 1)

· **Precautionary statements**

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

*Obtain special instructions before use.*

*Do not handle until all safety precautions have been read and understood.*

*Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*

*Keep container tightly closed.*

*Ground/bond container and receiving equipment.*

*Use explosion-proof electrical/ventilating/lighting/equipment.*

*Use only non-sparking tools.*

*Take precautionary measures against static discharge.*

*Wear protective gloves/protective clothing/eye protection/face protection.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*IF exposed or concerned: Get medical advice/attention.*

*In case of fire: Use for extinction: CO2, powder or water spray.*

*Store in a well-ventilated place. Keep cool.*

*Store locked up.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 2

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = \*0

Fire = 2

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

64-17-5 | ETHYL ALCOHOL

Flam. Liq. 2, H225; Carc. 1A, H350

2.5-10%

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 2)

- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

(Contd. on page 4)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 3)

- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
*Recommended Storage Conditions: Store/Ship In A Closed Container In A Dry Place Away From Direct Sunlight at 60-85 Deg F.*  
*Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, sparks and open flame.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *Keep container tightly sealed.*
- **Specific end use(s)** *No further relevant information available.*

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

#### 64-17-5 ETHYL ALCOHOL

PEL Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

REL Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

TLV Short-term value: 1880 mg/m<sup>3</sup>, 1000 ppm

- **Additional information:** *The lists that were valid during the creation were used as basis.*

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*Keep away from foodstuffs, beverages and feed.*  
*Wash hands before breaks and at the end of work.*  
*Store protective clothing separately.*
- **Breathing equipment:**  
*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*
- **Protection of hands:**



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*  
*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*  
*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

- **Material of gloves**  
*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the*

(Contd. on page 5)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 4)

resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:**

Liquid

**Color:**

According to product specification

· **Odor:**

Characteristic

· **Odor threshold:**

Not determined.

· **pH-value:**

Not determined.

· **Change in condition**

**Melting point/Melting range:**

n.a. °C

**Boiling point/Boiling range:**

Undetermined.

· **Flash point:**

51.7 °C (125.1 °F)

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

**Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not selfigniting.

· **Danger of explosion:**

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

**Lower:**

Not determined.

**Upper:**

Not determined.

· **Vapor pressure:**

Not determined.

· **Density at 20 °C (68 °F):**

1.0986 g/cm<sup>3</sup> (9.16782 lbs/gal)

· **Relative density**

Not determined.

· **Vapor density**

Not determined.

· **Evaporation rate**

Not determined.

(Contd. on page 6)

US

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 5)

- |   |  |
|---|--|
| <b>· Solubility in / Miscibility with Water:</b>  | Fully miscible.                            |
| <b>· Partition coefficient (n-octanol/water):</b> | Not determined.                            |
| <b>· Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not determined.                            |
| <b>Kinematic:</b>                                 | Not determined.                            |
| <b>· Solvent content:</b>                         |  |
| <b>Organic solvents:</b>                          | 3.3 %                                      |
| <b>Water:</b>                                     | 73.6 %                                     |
| <b>VOC content:</b>                               | 3.27 %                                     |
|   | 35.9 g/l / 0.30 lb/gl                      |
| <b>· Other information</b>                        | No further relevant information available. |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:
- **Carcinogenic categories**

|   |               |
|---|---------------|
| <b>· IARC (International Agency for Research on Cancer)</b> |               |
| 64-17-5   | ETHYL ALCOHOL |
| 98-01-1   | 2-furaldehyde |

1

3

(Contd. on page 7)

US

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 6)

· **NTP (National Toxicology Program)**

*None of the ingredients is listed.*

· **OSHA-Ca (Occupational Safety & Health Administration)**

*None of the ingredients is listed.*

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** *No further relevant information available.*

· **Persistence and degradability** *No further relevant information available.*

· **Behavior in environmental systems:**

· **Bioaccumulative potential** *No further relevant information available.*

· **Mobility in soil** *No further relevant information available.*

· **Additional ecological information:**

· **General notes:**

*Water hazard class 1 (Self-assessment): slightly hazardous for water*

*Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*

· **Results of PBT and vPvB assessment**

· **PBT:** *Not applicable.*

· **vPvB:** *Not applicable.*

· **Other adverse effects** *No further relevant information available.*

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

*Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*

· **Uncleaned packagings:**

· **Recommendation:** *Disposal must be made according to official regulations.*

· **Recommended cleansing agent:** *Water, if necessary with cleansing agents.*

## 14 Transport information

· **UN-Number**

· **DOT**

*not regulated*

· **IMDG, IATA**

*UN1197*

· **UN proper shipping name**

· **DOT**

*not regulated*

· **IMDG, IATA**

*EXTRACTS, FLAVOURING, LIQUID*

(Contd. on page 8)

US

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

Trade name: **ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 7)

· **Transport hazard class(es)**· **DOT**· **Class** *not regulated*· **IMDG, IATA**· **Class** *3 Flammable liquids*· **Label** *3*· **Packing group**· **DOT** *not regulated*· **IMDG, IATA** *III*· **Environmental hazards:** *Not applicable.*· **Special precautions for user** *Warning: Flammable liquids*· **Danger code (Kemler):** *30*· **EMS Number:** *F-E,S-D*· **Stowage Category** *A*· **Transport in bulk according to Annex II of  
MARPOL73/78 and the IBC Code** *Not applicable.*· **Transport/Additional information:**· **IMDG**· **Limited quantities (LQ)** *5L*· **Excepted quantities (EQ)** *Code: E1**Maximum net quantity per inner packaging: 30 ml**Maximum net quantity per outer packaging: 1000 ml*· **UN "Model Regulation":** *UN 1197 EXTRACTS, FLAVORING, LIQUID, 3, III*

## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Sara**· **Section 355 (extremely hazardous substances):***None of the ingredients is listed.*· **Section 313 (Specific toxic chemical listings):***None of the ingredients is listed.*· **TSCA (Toxic Substances Control Act) (Substances not listed):***All ingredients are listed.*

(Contd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 8)

- **TSCA new (21st Century Act) (Substances not listed)**
- **Proposition 65**

· **Chemicals known to cause cancer:**

SMOKE FLAVOR`

· **Chemicals known to cause reproductive toxicity for females:**

SMOKE FLAVOR`

· **Chemicals known to cause reproductive toxicity for males:**

SMOKE FLAVOR`

· **Chemicals known to cause developmental toxicity:**

64-17-5 ETHYL ALCOHOL

SMOKE FLAVOR`

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

64-17-5 ETHYL ALCOHOL

A3

98-01-1 2-furaldehyde

A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS08

· **Signal word Danger**

· **Hazard-determining components of labeling:**

ETHYL ALCOHOL

· **Hazard statements**

Flammable liquid and vapor.

May cause cancer.

· **Precautionary statements**

Obtain special instructions before use.

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

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

(Contd. on page 10)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 9)

*Use only non-sparking tools.*

*Take precautionary measures against static discharge.*

*Wear protective gloves/protective clothing/eye protection/face protection.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*IF exposed or concerned: Get medical advice/attention.*

*In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.*

*Store in a well-ventilated place. Keep cool.*

*Store locked up.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials:**

*Carcinogenic hazardous material group III (dangerous).*

· **Information about limitation of use:**

*Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.*

· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

*H225 Highly flammable liquid and vapor.*

*H350 May cause cancer.*

· **Department issuing SDS:** *Regulatory department*

· **Date of preparation / last revision** *03/04/2021 / 1*

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

(Contd. on page 11)

**Safety Data Sheet**  
**acc. to OSHA HCS**

Printing date 03/04/2021

Reviewed on 03/04/2021

**Trade name: ROAST CHICKEN NATURAL FLAVOR**

(Contd. of page 10)

*Flam. Liq. 2: Flammable liquids – Category 2*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Carc. 1A: Carcinogenicity – Category 1A*

US