

Safety Data Sheet

CHILI PEPPER

Safety Data Sheet dated: 5/28/2015 - version 1

Date of first edition: 5/28/2015

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: CHILI PEPPER

Other means of identification

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Sensient Natural Ingredients

151 South Walnut Road

Turlock, CA

+1 209-667-2777

2. HAZARD(S) IDENTIFICATION

This mixture has not been tested as a whole. It contains ingredients that could present a health hazard to employees, as outlined below.



Classification of the chemical

Causes skin irritation.

Causes eye irritation

Label elements

Symbols:



Warning

Code	Description
H315	Causes skin irritation.
H320	Causes eye irritation

Code	Description
P264	Wash contact areas thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific measures (see supplemental first aid instructions on this label or in the SDS).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Ingredient(s) with unknown acute toxicity

None

Hazards not otherwise classified identified during the classification process:

None

NIOSH has reported the occurrence of severe lung disease in some workers who make or use flavorings. According to the December 2003 NIOSH Report, the main respiratory symptoms experienced by workers affected by fixed airways obstruction include cough (usually without phlegm) and shortness of breath on exertion. NIOSH further reports that some workers may experience fever, night sweats, and weight loss.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not determined

Mixtures

The identify of one or more individual components of this mixture and the exact percentage concentrations of disclosed components of this mixture are considered proprietary information and are being withheld as trade secret information pursuant to 29 CFR 1910.1200(i).

List of components

Qty	Name	Ident. Numb.
30-50 %	CHILI PEPPER PUNGENT	

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

- Immediately take off all contaminated clothing and shoes.
- Immediately remove any contaminated clothing, shoes or stockings.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eye contact:

- Wash immediately and thoroughly with running water, keeping eyelids regularly raised, for at least 15 minutes. Cold water may be used. Check for and remove any contact lenses at once. OBTAIN A MEDICAL EXAMINATION.
- Protect the eyes with a sterile gauze or a clean, dry handkerchief.

In case of ingestion:

- Do not induce vomiting. Seek immediate medical attention and provide SDS to medical provider.

In case of inhalation:

- Remove exposed person to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

- Eye irritation
- Eye damage
- Skin irritation
- Erythema

Indication of any immediate medical attention and special treatment needed

In case of accident or exposure, seek immediate medical attention and provide SDS to medical provider.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

- In case of fire use dry chemical, foam or CO2 for extinction.
- In case of fire use dry chemical, foam or CO2 for extinction.

Unsuitable extinguishing media

None identified

Specific hazards arising from the chemical

- Do not inhale explosion or combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: Not determined
- Explosive properties: Not relevant (UN Test 3(a)ii BAM Fallhammer)
- Oxidizing properties: Not relevant (Oxidizing Liquids Test Chamber)

Special personal protective equipment and precautions for fire-fighters

- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water. Do not discharge into drains.
- Move undamaged containers from immediate hazard area but only if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Wear personal protective equipment.
- Remove exposed persons to safety.
- See protective measures under points 7 and 8.

Methods and material for containment and cleanup

- Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).
- Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

- Avoid contact with skin and eyes, inhalation of vapors and mists.
- Clean empty container before re-using.
- Before conducting transfer operations, assure that there aren't any incompatible material residuals in the receiving

container.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended personal protective equipment.

Conditions for safe storage, including any incompatibilities

Incompatible materials:

None identified

Instructions regarding storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No Data Available

Appropriate engineering controls: Not determined

Individual protection measures

Eye/face protection:

Use close-fitting safety goggles (standard safety glasses are not adequate).

Skin protection:

Use clothing that provides comprehensive protection to the skin; e.g., cotton, rubber, PVC, or viton.

Hand protection:

Use protective gloves that provide comprehensive protection; e.g., PVC, neoprene, or rubber.

Respiratory protection:

Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust. If necessary, use an experienced air-sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operation practices to minimize exposure. If necessary, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.

Additional Information:

In December 2003, the National Institute for Occupational Safety and Health (NIOSH) published an Alert on preventing lung disease in workers who use or make flavorings. NIOSH Publication Number 2004-110. In August 2004, the United States Flavor and Extract Manufacturers Association (FEMA) issued a report entitled, "Respiratory Safety in the Flavoring Manufacturing Workplace". Both of these documents provide recommendations for reducing employee exposure and for medical surveillance in the workplace. The recommendations in these documents are generally applicable to the use of any chemical in the workplace and you are strongly urged to review both of these documents.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Solid

Appearance: Powder, Orange To Brown (Visual)

Odor: Chili (Organoleptic)

Odor threshold: Not determined (Organoleptic)

pH: Not determined (pH meter)

Melting point/ range: Not determined

Boiling point/ range: Not determined (OECD GUIDELINE 103)

Flash point: Not determined (Pensky-Martens Closed Cup Test (ASTM D93))

Evaporation rate: Not determined (Shell Thin-Film Evaporometer ASTM D3539 - 87(2004))

Upper/lower flammability or explosive limits: Not determined (ASTM E681-09)

Vapor density: Not determined (Calculation)

Vapor pressure: Not determined (ASTM D5190 - 07 for Petroleum Products)

Density: Not determined (OECD GUIDELINE 109)

Water solubility: Not determined (OECD GUIDELINE 105)

Lipid solubility: Not determined (OECD GUIDELINE 105)

Partition coefficient (n-octanol/water): Not determined (OECD GUIDELINE 123 Slow-Stirring Method)

Auto-ignition temperature: Not determined (ASTM E659 Method for Liquid Chemicals.)

Decomposition temperature: Not determined (Time Pressure Test Vessel)

Viscosity: Not determined (OECD GUIDELINE 114)

Explosive properties: Not determined (UN Test 3(a)ii BAM Fallhammer)

Oxidizing properties: Not determined (Oxidizing Liquids Test Chamber)

Flammability (Solid, Gas): Not determined (ASTM Method E681-94.)

Other information

Substance group relevant properties: Not determined
Miscibility: Not determined
Fat solubility: Not determined
Conductivity: Not determined (Conductivity meter)

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical stability

Data not available.

Possibility of hazardous reactions

Burning produces carbon monoxide and/or carbon dioxide.

Conditions to avoid

Stable under normal conditions of temperature and pressure.

Incompatible materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

Hazardous decomposition products

Burning produces carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product: No Data Available

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices so that the product is not released into the environment.

Persistence and degradability

Not determined

Bioaccumulative potential

Not determined

Mobility in soil

Not determined

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

Recover if possible. Comply with applicable regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

UN number

ADR-UN number: Not determined
DOT-UN Number: Not determined
IATA-Un number: Not determined
IMDG-Un number: Not determined

UN proper shipping name

Transport hazard class(es)

ADR-Class: Not determined
DOT Hazard Class: Not determined
IATA-Class: Not determined
IMDG-Class:

Not determined

Packing group

ADR-Packing Group:

Not determined

Exempted for ADR:

Not determined

IATA-Packing group:

Not determined

IMDG-Packing group:

Not determined

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not determined

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not determined

Special precautions

Department of Transportation (DOT):

Not determined

Road and Rail (ADR-RID):

Not determined

Air (IATA):

Not determined

Sea (IMDG):

Not determined

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

no substances listed

Section 313 - Toxic chemical list:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

16. OTHER INFORMATION

Code Description

H315 Causes skin irritation.

H320 Causes eye irritation

H332 Harmful if inhaled.

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The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
CLP: Classification, Labeling, Packaging
EINECS: European Inventory of Existing Commercial Chemical Substances
INCI: International Nomenclature of Cosmetic Ingredients
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GefStoffVO: Ordinance on Hazardous Substances, Germany
LC50: Lethal concentration, for 50 percent of test population
LD50: Lethal dose, for 50 percent of test population
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
TWATLV: Threshold Limiting Value for the Time Weighted Average 8 hour day.(ACGIH Standard)
STEL: Short Term Exposure limit
STOT: Specific Target Organ Toxicity
WGK: German Water Hazard Class
KSt: Explosion coefficient