

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.



RED PEPPER SEASONING WONF

Version 1.0

Revision Date 29 MAY 2015

Print Date 29 MAY 2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Sales No. : QK39562
RED PEPPER SEASONING WONF
XC-878-563-0

Relevant identified uses of the substance or mixture and uses advised against : Flavouring for foodstuffs. Not for retail sale

Intended Use Flavours

Company :
Givaudan Flavors Corp.
1199 Edison Drive
CINCINNATI OH 45216
UNITED STATES
+12152070061

Emergency telephone number : +18669280789

SECTION 2. HAZARDS IDENTIFICATION

Classification according to HCS 2012 (29 CFR Parts 1910, 1915, and 1926)

Combustible dust CD: May form combustible dust concentrations in air

Skin irritation, Category 2 H315: Causes skin irritation.

Eye irritation, Category 2A H319: Causes serious eye irritation.

Label elements

Labelling (REGULATION 29 CFR Parts 1910, 1915, and 1926).

Hazard pictograms :



Signal word : Warning

Hazard statements : CD May form combustible dust concentrations in air

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Administrative information:

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Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.
Response:
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.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Hazards not Otherwise Classified : May form combustible dust concentrations in air

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

Ingredients with unknown acute toxicity.:

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: **0 %**

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration [%]
Red pepper powder		10.00 - 20.00
ammonium chloride	12125-02-9	1.00 - 10.00
citric acid	77-92-9	1.00 - 10.00

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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SECTION 4. FIRST AID MEASURES

First aid measures

Description of first aid measures

- | | |
|-------------------------|---|
| General advice | : Consult physician or Poison Control Center. The National Hotline for US Poison Control Centers is 1.800.222.1222; www.1-800-222-1222.info/poisonHelp.asp |
| If inhaled | : Get to fresh air immediately.
Consult Poison Control Center or physician if any symptoms develop. |
| In case of skin contact | : Rinse immediately with plenty of water for at least 15 minutes. If skin irritation occurs, seek medical advice/attention. Remove contaminated clothing and shoes. Immediately seek medical attention if chemical entered ear canal. When symptoms persist or in all cases of doubt seek medical advice. |
| In case of eye contact | : Remove contact lenses.
Immediately flush eyes for at least 15 minutes. Get medical attention. |
| If swallowed | : Do NOT induce vomiting.
Immediately consult Poison Control Center or physician. |

Most important symptoms and effects, both acute and delayed

Causes skin irritation.
Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

- | | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray
Alcohol-resistant foam
Carbon dioxide (CO ₂)
Dry chemical |
|------------------------------|--|

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Unsuitable extinguishing media : no data available

Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.
Avoid high pressure water streams as this may spread burning powder or generate combustible dust clouds.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas.
Keep people away from and upwind of spill/leak.
Use personal protective equipment as required.
For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
Material can create slippery conditions.
Avoid breathing dust.
Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Environmental precautions

Retain and dispose of contaminated wash water.
The product should not be allowed to enter drains, water courses or the soil.
Dispose of in accordance with local regulations.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.
Avoid dispersal of dust in the air (i.e., cleaning dust surfaces with compressed air).
Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).

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SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

- Advice on safe handling : Avoid contact with skin and eyes.
Avoid dust formation.
When using do not eat, drink or smoke.
- Advice on protection against fire and explosion : Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Further information on storage conditions : Ambient / 10-30°C (50-85°F)
Preferably full, hermetically sealed
- Advice on common storage : no data available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components	CAS-No. :	Type:	Value :	Basis :	Revision:
ammonium chloride	12125-02-9	TWA	10 mg/m3	ACGIH	2007-01-01
Eye & Upper Respiratory Tract irritation					
ammonium chloride	12125-02-9	STEL	20 mg/m3	ACGIH	2007-01-01
Eye & Upper Respiratory Tract irritation					
ammonium chloride	12125-02-9	TWA	10 mg/m3	OSHA P0	1989-01-19
ammonium chloride	12125-02-9	STEL	20 mg/m3	OSHA P0	1989-01-19
ammonium chloride	12125-02-9	TWA	10 mg/m3	NIOSH REL	2005-09-01

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ammonium chloride	12125-02-9	ST	20 mg/m3	NIOSH REL	2005-09-01
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Exposure Assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional respiratory protection.

Engineering measures

Ventilation: Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposures limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Personal protective equipment

- | | |
|--------------------------|---|
| Protective measures | : Choose PPE based on a hazard assessment, taking into account to the concentration and amount of dangerous substances, and to the specific work-place conditions. |
| Eye protection | : Ensure that eyewash stations and safety showers are close to the workstation location.
Wear chemical splash goggles (non-vented) with faceshield. |
| Hand protection | : Wear chemical resistant gloves suitable for this material as determined by a hazard assessment.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. |
| Skin and body protection | : Wear protective clothing suitable for this material as determined by a hazard assessment. |
| Respiratory protection | : Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, where indicated or required by the exposure assessment. Selection of air-purifying or positive-pressure supplied air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the actual or potential airborne concentrations. The type of cartridge or filter to be used must be selected and approved for the chemical, class, or classes of chemical(s) likely to be encountered in the workplace. For emergency conditions, use |

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an approved positive-pressure self-contained breathing apparatus.

Hygiene measures : Remove contaminated clothing and protective equipment before entering eating areas.
Wash hands before breaks and immediately after handling the product.
Avoid breathing dust.
Handle in accordance with good industrial hygiene and safety practice.

See Section 16 for further information.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: solid
Form	: powder
Color	: Pale red
Taste	: Salty, Spicy
Odor	: not determined
Odour Threshold	: Not applicable
Flash point	: > 201 °F (> 94 °C) Method: Literature
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability (solid, gas)	: May form combustible dust concentrations in air
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Melting point	: not determined
Boiling point	: not determined
Vapor pressure	: no data available
Density	: no data available
Bulk density	: 0.775 Kg/l
Solubility/qualitative	: soluble
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Generation of dust clouds.

Materials to avoid : no data available

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Hazardous decomposition products : no data available

Chemical stability : The product is chemically stable.

Reactivity : none

Hazardous reactions : no data available

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

ATE : > 5,000 mg/kg

ammonium chloride : LD50: 1,650 mg/kg Species: Rat

citric acid : LD50: 11,500 mg/kg Species: Rat

Acute inhalation toxicity : No data is available on the product itself.

Acute dermal toxicity : No data is available on the product itself.

Acute toxicity (other routes of administration) : No data is available on the product itself.

Skin corrosion/irritation : May cause skin irritation and/or dermatitis.
May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation : Product dust may be irritating to eyes, skin and respiratory system.

Respiratory or skin sensitisation : No data is available on the product itself.

Mutagenicity : No data is available on the product itself.

Reproductive toxicity : No data is available on the product itself.

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Teratogenicity : No data is available on the product itself.

Carcinogenicity:

IARC : Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP : Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - single exposure : No data is available on the product itself.

STOT - repeated exposure : No data is available on the product itself.

Aspiration hazard : No data is available on the product itself.

Further information : no data available

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SECTION 12. Ecological information

Ecological information is not reported.

SECTION 13. DISPOSAL CONSIDERATIONS

The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local, state and federal regulations.

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SECTION 14. TRANSPORT INFORMATION

49CFR

Not regulated

IATA/ICAO

Not regulated

IMDG

Not regulated

SECTION 15. REGULATORY INFORMATION

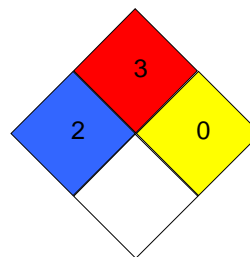
Only relevant information is reported

SARA 311/312 Hazards. : Fire Hazard Acute Health Hazard

SECTION 16. OTHER INFORMATION

NFPA Classification

: Health hazard: 2
Fire Hazard: 3
Reactivity Hazard: 0



Refer to NFPA 61, "Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities" and NFPA 654 "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids", for safe handling guidance.

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Givaudan recommends that each recipient or user of this SDS carefully study this document and consult with the appropriate expert (i.e., industrial hygienist, toxicologist, or occupational physician) to understand and appreciate the technical data, any associated hazards, and appropriate control measures needed to ensure the safe handling and use of this product. The above information relates only to this product and not to its use in combination with any other material or in any particular process. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers and technical groups and is considered to be accurate to the best of Givaudan's knowledge as of the date of this document. Since the conditions of handling and use are not within the knowledge of Givaudan, it is the responsibility of the recipient to conduct an appropriate hazard assessment and to review all information about this product and determine its safety and suitability in their own processes and operations.

Appropriate warnings and safe handling instructions should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use.

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