

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

Printing date 04/11/2017

Reviewed on 06/18/2015

**1 Identification**

- Product identifier
- Trade name: **ROOF ODOR SOLUTIONS CHERRY**
- Article number: 180125
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
Flavorchem Corporation  
1525 Brook Drive  
Downers Grove, IL 60515  
USA  
800.433.2867
- Information department: Regulatory department
- Emergency telephone number:  
During normal opening times: Call Chemtree 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  
Flam. Liq. 4 H227 Combustible liquid.
- Label elements
- GHS label elements
- The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms  
Void
- Signal word  
Warning
- Hazard statements  
Combustible liquid.
- Precautionary statements  
Keep away from flames and hot surfaces. – No smoking.  
Wear protective gloves / eye protection / face protection.  
In case of fire: Use for extinction: CO2, powder or water spray.  
Store in a well-ventilated place. Keep cool.
- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Classification:  
· NFPA ratings (scale 0 - 4)  
Health = 0  
Fire = 2  
Reactivity = 0



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- HMIS-ratings (scale 0 - 4)  
HEALTH 0 Health = 0  
FIRE 2 Fire = 2  
REACTIVITY 0 Reactivity = 0
- Other hazards
- Results of PBT and vPvB assessment  
PBT: Not applicable.  
vPvB: Not applicable.

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**3 Composition/information on ingredients**

- Chemical characterization: Mixtures
- Descriptions: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
100-52-7	benzaldehyde	10-<25%
140-11-4	benzyl acetate	2.5-<10%
134-20-3	METHYL ANTHRANILATE	2.5-<10%
121-33-5	VANILLIN	0.1-<2.3%
	Acute Tox 4, H302	

**4 First-aid measures**

- Description of first aid measures
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- 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.

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### 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 Not required.
- Environmental precautions: 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).
- 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 No special precautions are necessary if used correctly.
  - Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: None.
  - 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.

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### Control parameters

- Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
- At this time, the remaining constituent has no known exposure limits.

100-52-7 benzaldehyde

WEEL Short-term value: 4 ppm

Long-term value: 2 ppm

DSEN

140-11-4 benzyl acetate

TLV Long-term value: 61 mg/m<sup>3</sup>, 10 ppm

121-33-5 VANILLIN

WEEL Long-term value: 10 mg/m<sup>3</sup>

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

### Exposure controls

- Personal protective equipment:
  - General protective and hygienic measures: Wash hands before breaks and at the end of work.
  - Breathing equipment: Not required.
- Protection of hands:
  - 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 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: Goggles recommended during refilling.

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**9 Physical and chemical properties**

<b>Information on basic physical and chemical properties</b>	
<b>General Information</b>	
<b>Appearance:</b>	Liquid
<b>Form:</b>	Yellow
<b>Color:</b>	Characteristic
<b>Odor:</b>	Not determined.
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	140 °C (284 °F)
<b>Flash point:</b>	82 °C (180 °F) Not applicable.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	190 °C (374 °F)
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Not determined.
<b>Explosion limits:</b>	
<b>Lower:</b>	1.4 Vol %
<b>Upper:</b>	60.0 Vol %
<b>Vapor pressure:</b>	Not determined.
<b>Density at 20 °C (68 °F):</b>	0.91906 g/cm <sup>3</sup> (7.677 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.

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<b>Kinematic:</b>	Not determined.
<b>Solvent content:</b>	0.7 %
<b>Organic solvents:</b>	0.7 %
<b>VOC content:</b>	6.3 g/l / 0.05 lb/gal
<b>Solids content:</b>	4.2 %
<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:**
- LD/LC50 values that are relevant for classification:**
- 100-52.7 benzaldehyde**
- Oral LD50 [300 mg/kg (rat)]**
- Primary irritant effect:**
- on the skin:** No irritant effect.
- on the eye:** No irritating effect.
- Sensitization:** No sensitizing effects known.
- Additional toxicological information:**
- Carcinogenic categories**
- IARC (International Agency for Research on Cancer)**
- 140-11-4 benzyl acetate**

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<b>NTP (National Toxicology Program)</b>	
None of the ingredients is listed.	
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
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 2 (Self-assessment):** hazardous for water
- **Do not allow product to reach ground water, water course or sewage system.**
- **Danger to drinking water if even small quantities leak into the ground.**
- **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.

**14 Transport information**

- **UN-Number**
- **DOT, ADN, IMDG, IATA**
- not regulated

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<b>UN proper shipping name</b>	not regulated
· <b>DOT, ADN, IMDG, IATA</b>	
<b>Transport hazard class(es)</b>	
· <b>DOT, ADN, IMDG, IATA</b>	not regulated
· <b>Class</b>	
<b>Packing group</b>	not regulated
· <b>DOT, IMDG, IATA</b>	
<b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	not regulated

**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):**
- **98-86-2 acetophenone**
- **TSCA (Toxic Substances Control Act) (Substances not listed):**
- **All ingredients are listed.**
- **Proposition 65**
- **Chemicals known to cause cancer:**
- **None of the ingredients is listed.**
- **Chemicals known to cause reproductive toxicity for females:**
- **None of the ingredients is listed.**
- **Chemicals known to cause reproductive toxicity for males:**
- **None of the ingredients is listed.**

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Chemicals known to cause developmental toxicity:  
None of the ingredients is listed.

**Carcinogenic categories**

· EPA (Environmental Protection Agency)

98-86-2 acetophenone

D

· TLV (Threshold Limit Value established by ACGIH)

140-11-4 benzyl acetate

A4

· 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** Void

**Signal word** Warning

**Hazard statements**

Combustible liquid.

**Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves / eye protection / face protection.

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

Store in a well-ventilated place. Keep cool.

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

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

### I6 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**

H227 Combustible liquid.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**Department issuing SDS:** Regulatory department

**Contact:** Stacie Ohman

**Date of preparation / last revision** 04/11/2017 / -

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**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

ELINCS: European Inventory of Existing Commercial Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

POC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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