



# Material Safety Data Sheet

## SECTION 1.1 PRODUCT IDENTIFICATION

**Product Name:** AdvanCBD Full Spectrum Hemp Extract Mixed Berry Tincture 500/30mL  
**CAS #:** 89958-21-4, Custom Blend, Custom Blend, 91722-21-3

## SECTION 1.2 COMPANY INFORMATION


**Company:** Nature's Fusions, LLC.  
**Address:** 1405 W 820 N, Provo, UT 84601  
**Telephone No:** 801-872-9500

**24 HOUR EMERGENCY TELEPHONE NUMBER: (800) 222-1222 POISON CONTROL**

## SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Not classified.

## SECTION 2.2 HAZARDS IDENTIFICATION

**Signal Word:** Not classified.  
**Hazard Pictograms:**  None.  
**Hazard Statement:** Not classified.  
**Precautionary Statement:** Not classified.

## SECTION 2.3 OTHER HAZARDS IDENTIFICATION

**Other Hazards:** No additional information available.

## SECTION: 3. COMPOSITION / INFORMATION INGREDIENTS

Content	CAS #	EC#	Concentration
Organic Hemp Seed Oil	89958-21-4	289-644-3	> 50%
Full Spectrum Hemp Extract	Custom Blend	N/A	< 5%
Natural Flavors	Custom Blend	N/A	< 5%
Stevia	91722-21-3	294-422-4	< 5%

\*\*Specified chemical identity and/or exact percentage of composition has been withheld as a trade secret. \*\*

## SECTION 4.1 NECESSARY FIRST AID MEASURES

- Eye Contact: Flush with copious amounts of water.
- Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
- Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.

## SECTION 4.2 SYMPTOMS

- Eye Contact: Causes eye irritation. Irritating to respiratory system.
- Inhalation: No additional information available.
- Ingestion: No additional information available.
- Skin Contact: No additional information available.

## SECTION 4.3 OTHER FIRST AID MEASURES

- Medical Attention/Special Treatment: Treat symptomatically.

## SECTION 5.1 EXTINGUISHING

- Suitable Extinguishing media: CO<sub>2</sub>. Dry Powder. Foam.
- Unsuitable Extinguishing media: Water.

## SECTION 5.2 SPECIAL HAZARDS

- Special Hazards Arising from Chemical: Carbon Oxides. Emits toxic fumes under fire conditions. Sensitive to static discharge.

## SECTION 5.3 FIRE FIGHTING MEASURES

- Firefighter Instructions: Remove any source of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required.
- Protection during firefighting: Wear full protective clothing and NIOSH approved self-contained breathing apparatus. Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive dust-air mixture.

## SECTION 6.1 ACCIDENTAL RELEASE MEASURES

**AdvanCBD Full Spectrum Hemp Extract Mixed Berry Tincture 500/30mL**

*Revision Date: 11/19/2019*

**Personal Precautions:** Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container.

**Protective equipment:** As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator.

**Environmental Precautions:** Keep away from drains, surface and ground water.

## SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

**Methods and Material for Cleaning Up:** Follow federal, state, and local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

## SECTION 7.1 PRECAUTIONS FOR HANDLING

**Precautions for handling:** Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Minimize dust generation and accumulation. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations. All equipment used when handling the product must be grounded. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from incompatible materials. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Avoid dust formation. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 7.2 CONDITIONS FOR SAFE STORAGE

**Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

## SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

**PEL, ACGIH, TLV exposure limit:** No additional information available.

**Appropriate engineering controls:** Shower. Eyewash stations. Ventilation systems.

## SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

**Eye/Face Protection:** Tight sealing goggles.

**Hand Protection:** Wear protective gloves.

**Skin and Body Protection:** If skin contact or contamination of clothing is likely, protective clothing should be worn.

**Respiratory Protection:** Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

**Environmental Exposure Control:** Do not let product enter drains.

## SECTION 8.3 ADDITIONAL INFORMATION

Other: Do not take internally. Wash thoroughly after handling.

## SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Pale yellow to deep brown liquid.  
Odor: Sweet, berry like scent.  
Odor Threshold: No data available.  
Physical State: Liquid.

## SECTION 9.2 CHEMICAL PROPERTIES

pH: No data available.  
Melting Point/Freezing Point: No data available.  
Boiling Point: No data available.  
Flash Point: 350.43° C  
Evaporation Rate: No data available.  
Flammability (solid, gas): No data available.  
Explosive limits: No data available.  
Vapor Pressure: No data available.  
Vapor Density: No data available.  
Specific Gravity: 0.871 - 0.971 @ 20° C (68° F)  
Solubility: Soluble in oil and alcohol. Insoluble in water.  
Partition coefficient:  
(n-octanol/water) No data available.  
Autoignition Temp: No data available.  
Decomposition Temp: No data available.  
Viscosity: No data available.

## SECTION 10. STABILITY AND REACTIVITY

Reactivity: On combustion, forms: carbon oxides (CO and CO<sub>2</sub>)  
Chemical Stability: Stable under recommended storage conditions.  
Hazardous Reactions: None under normal processing.  
Incompatible Materials: Strong acids. Strong alkalis. Strong oxides.  
Hazardous Combustion or Decomposition Products: Thermal decomposition leads to formation of acrolein, CO, CO<sub>2</sub>, smoke, and fumes.

## SECTION 11.1 ROUTES OF EXPOSURE

**AdvanCBD Full Spectrum Hemp Extract Mixed Berry Tincture 500/30mL**

*Revision Date: 11/19/2019*

- Inhalation: May cause an allergic skin reaction.
- Skin Contact: Irritation. May cause an allergic skin reaction. Tingling/irritation of the skin.  
Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Causes skin irritation.
- Eye Contact: Causes eye irritation. Dust can cause eye irritation by mechanical action.
- Ingestion: No additional information available.

## SECTION 11.2 RELATED SYMPTOMS

- Inhalation: Refer to section 4.2
- Skin Contact: Refer to section 4.2
- Eye Contact: Refer to section 4.2
- Ingestion: Refer to section 4.2

## SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

- Delayed/Chronic Effects: May cause allergic reactions on skin, may result in difficulty breathing.
- Toxicity: No additional information available.
- Carcinogenic: Not Carcinogenic.

## SECTION 12.1 ECOLOGICAL INFORMATION

- Eco-toxicity: Toxic for fish.
- Persistence and Degradability: No additional information available.
- Bio-accumulative: No additional information available.
- Mobility in Soil: No additional information available.

## SECTION 12.2 OTHER ECOLOGICAL INFORMATION

- Other Adverse Effects: No additional information available.

## SECTION 13. DISPOSAL CONSIDERATION

- Waste Disposal Method: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Contaminated Packaging Disposal Method: Empty containers should be taken for local recycling, recovery or waste disposal.

## SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land): Not regulated  
IATA Shipping (Air): Regulated  
IMDG Shipping (Boat): Regulated  
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.  
UN #: 3082  
Hazard Class: 9  
Packaging Group: III

## SECTION 15. REGULATORY INFORMATION

US Federal Regulations: No additional information available.  
International Regulations: No additional information available.

## SECTION 16. OTHER INFORMATION

Health Hazard (HMIS): N/A  
Flammability Hazard (HMIS): N/A  
Physical Hazard (HMIS): N/A  
Sara 313: N/A  
California Proposition 65: Product contains Pulegone.

**Creation Date:** 12/1/2018  
**Revision Date:** 11/19/2019

## COMPANY DISCLAIMER

The information contained in this Certificate of Analysis and Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of Nature's Fusions' knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any Laws or Regulation. Final determination of the suitability of the material is the sole responsibility of the user. Customers should purchase products from Nature's Fusions with the clear understanding that all products must be used at the customers own discretion and only after referencing Material Safety Data Sheets (MSDS) and all other relevant technical information specific to the product. Nature's Fusions shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As with any manufacturing process, Nature's Fusions strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing. The information on the Nature's Fusions' website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. Nothing contained herein should be considered as a recommendation by Nature's Fusions as to the fitness for any use. As the ordinary or otherwise use(s) of this product is outside the control of Nature's Fusions, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The liability of Nature's Fusions is limited to the value of the goods and does not include any consequential loss. Nature's Fusions shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.



# Material Safety Data Sheet

## SECTION 1.1 PRODUCT IDENTIFICATION

**Product Name:** AdvanCBD Full Spectrum Hemp Extract Mixed Berry Tincture 1000/30mL  
**CAS #:** 89958-21-4, Custom Blend, Custom Blend, 91722-21-3

## SECTION 1.2 COMPANY INFORMATION


**Company:** Nature's Fusions, LLC.  
**Address:** 1405 W 820 N, Provo, UT 84601  
**Telephone No:** 801-872-9500

**24 HOUR EMERGENCY TELEPHONE NUMBER: (800) 222-1222 POISON CONTROL**

## SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Not classified.

## SECTION 2.2 HAZARDS IDENTIFICATION

**Signal Word:** Not classified.  
**Hazard Pictograms:**   
**Hazard Statement:** Not classified.  
**Precautionary Statement:** Not classified.

## SECTION 2.3 OTHER HAZARDS IDENTIFICATION

**Other Hazards:** No additional information available.

## SECTION: 3. COMPOSITION / INFORMATION INGREDIENTS

Content	CAS #	EC#	Concentration
Organic Hemp Seed Oil	89958-21-4	289-644-3	> 50%
Full Spectrum Hemp Extract	Custom Blend	N/A	1% - 10%
Natural Flavors	Custom Blend	N/A	< 5%
Stevia	91722-21-3	294-422-4	< 5%

\*\*Specified chemical identity and/or exact percentage of composition has been withheld as a trade secret. \*\*



## SECTION 4.1 NECESSARY FIRST AID MEASURES

- Eye Contact:** Flush with copious amounts of water.
- Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
- Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.

## SECTION 4.2 SYMPTOMS

- Eye Contact:** Causes eye irritation. Irritating to respiratory system.
- Inhalation:** No additional information available.
- Ingestion:** No additional information available.
- Skin Contact:** No additional information available.

## SECTION 4.3 OTHER FIRST AID MEASURES

- Medical Attention/Special Treatment:** Treat symptomatically.

## SECTION 5.1 EXTINGUISHING

- Suitable Extinguishing media:** CO<sub>2</sub>. Dry Powder. Foam.
- Unsuitable Extinguishing media:** Water.

## SECTION 5.2 SPECIAL HAZARDS

- Special Hazards Arising from Chemical:** Carbon Oxides. Emits toxic fumes under fire conditions. Sensitive to static discharge.

## SECTION 5.3 FIRE FIGHTING MEASURES

- Firefighter Instructions:** Remove any source of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required.
- Protection during firefighting:** Wear full protective clothing and NIOSH approved self-contained breathing apparatus. Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive dust-air mixture.

## SECTION 6.1 ACCIDENTAL RELEASE MEASURES



**AdvanCBD Full Spectrum Hemp Extract Mixed Berry Tincture 1000/30mL**

*Revision Date: 11/19/2019*

**Personal Precautions:** Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container.

**Protective equipment:** As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator.

**Environmental Precautions:** Keep away from drains, surface and ground water.

## SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

**Methods and Material for Cleaning Up:** Follow federal, state, and local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

## SECTION 7.1 PRECAUTIONS FOR HANDLING

**Precautions for handling:** Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Minimize dust generation and accumulation. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations. All equipment used when handling the product must be grounded. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from incompatible materials. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Avoid dust formation. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 7.2 CONDITIONS FOR SAFE STORAGE

**Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

## SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

**PEL, ACGIH, TLV exposure limit:** No additional information available.

**Appropriate engineering controls:** Shower. Eyewash stations. Ventilation systems.

## SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

**Eye/Face Protection:** Tight sealing goggles.

**Hand Protection:** Wear protective gloves.

**Skin and Body Protection:** If skin contact or contamination of clothing is likely, protective clothing should be worn.

**Respiratory Protection:** Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

**Environmental Exposure Control:** Do not let product enter drains.

## SECTION 8.3 ADDITIONAL INFORMATION

Other: Do not take internally. Wash thoroughly after handling.

## SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Pale yellow to deep brown liquid.  
Odor: Sweet, berry like scent.  
Odor Threshold: No data available.  
Physical State: Liquid.

## SECTION 9.2 CHEMICAL PROPERTIES

pH: No data available.  
Melting Point/Freezing Point: No data available.  
Boiling Point: No data available.  
Flash Point: 353.87° C  
Evaporation Rate: No data available.  
Flammability (solid, gas): No data available.  
Explosive limits: No data available.  
Vapor Pressure: No data available.  
Vapor Density: No data available.  
Specific Gravity: 0.871 - 0.971 @ 20° C (68° F)  
Solubility: Soluble in oil and alcohol. Insoluble in water.  
Partition coefficient:  
(n-octanol/water) No data available.  
Autoignition Temp: No data available.  
Decomposition Temp: No data available.  
Viscosity: No data available.

## SECTION 10. STABILITY AND REACTIVITY

Reactivity: On combustion, forms: carbon oxides (CO and CO<sub>2</sub>)  
Chemical Stability: Stable under recommended storage conditions.  
Hazardous Reactions: None under normal processing.  
Incompatible Materials: Strong acids. Strong alkalis. Strong oxides.  
Hazardous Combustion or Decomposition Products: Thermal decomposition leads to formation of acrolein, CO, CO<sub>2</sub>, smoke, and fumes.

## SECTION 11.1 ROUTES OF EXPOSURE

- Inhalation: May cause an allergic skin reaction.
- Skin Contact: Irritation. May cause an allergic skin reaction. Tingling/irritation of the skin.  
Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Causes skin irritation.
- Eye Contact: Causes eye irritation. Dust can cause eye irritation by mechanical action.
- Ingestion: No additional information available.

## SECTION 11.2 RELATED SYMPTOMS

- Inhalation: Refer to section 4.2
- Skin Contact: Refer to section 4.2
- Eye Contact: Refer to section 4.2
- Ingestion: Refer to section 4.2

## SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

- Delayed/Chronic Effects: May cause allergic reactions on skin, may result in difficulty breathing.
- Toxicity: No additional information available.
- Carcinogenic: Not Carcinogenic.

## SECTION 12.1 ECOLOGICAL INFORMATION

- Eco-toxicity: Toxic for fish.
- Persistence and Degradability: No additional information available.
- Bio-accumulative: No additional information available.
- Mobility in Soil: No additional information available.

## SECTION 12.2 OTHER ECOLOGICAL INFORMATION

- Other Adverse Effects: No additional information available.

## SECTION 13. DISPOSAL CONSIDERATION

- Waste Disposal Method: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Contaminated Packaging Disposal Method: Empty containers should be taken for local recycling, recovery or waste disposal.

## SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land): Not regulated  
IATA Shipping (Air): Regulated  
IMDG Shipping (Boat): Regulated  
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.  
UN #: 3082  
Hazard Class: 9  
Packaging Group: III

## SECTION 15. REGULATORY INFORMATION

US Federal Regulations: No additional information available.  
International Regulations: No additional information available.

## SECTION 16. OTHER INFORMATION

Health Hazard (HMIS): N/A  
Flammability Hazard (HMIS): N/A  
Physical Hazard (HMIS): N/A  
Sara 313: N/A  
California Proposition 65: Product contains Pulegone.

**Creation Date:** 12/1/2018  
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# Material Safety Data Sheet

## SECTION 1.1 PRODUCT IDENTIFICATION

**Product Name:** AdvanCBD Full Spectrum Hemp Extract Mixed Berry Tincture 2000/30mL  
**CAS #:** 89958-21-4, Custom Blend, Custom Blend, 91722-21-3

## SECTION 1.2 COMPANY INFORMATION


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**Telephone No:** 801-872-9500

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## SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Not classified.

## SECTION 2.2 HAZARDS IDENTIFICATION

**Signal Word:** Not classified.  
**Hazard Pictograms:**   
**Hazard Statement:** Not classified.  
**Precautionary Statement:** Not classified.

## SECTION 2.3 OTHER HAZARDS IDENTIFICATION

**Other Hazards:** No additional information available.

## SECTION: 3. COMPOSITION / INFORMATION INGREDIENTS

Content	CAS #	EC#	Concentration
Organic Hemp Seed Oil	89958-21-4	289-644-3	> 50%
Full Spectrum Hemp Extract	Custom Blend	N/A	5% - 25%
Natural Flavors	Custom Blend	N/A	< 5%
Stevia	91722-21-3	294-422-4	< 5%

\*\*Specified chemical identity and/or exact percentage of composition has been withheld as a trade secret. \*\*

## SECTION 4.1 NECESSARY FIRST AID MEASURES

- Eye Contact: Flush with copious amounts of water.
- Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
- Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.

## SECTION 4.2 SYMPTOMS

- Eye Contact: Causes eye irritation. Irritating to respiratory system.
- Inhalation: No additional information available.
- Ingestion: No additional information available.
- Skin Contact: No additional information available.

## SECTION 4.3 OTHER FIRST AID MEASURES

- Medical Attention/Special Treatment: Treat symptomatically.

## SECTION 5.1 EXTINGUISHING

- Suitable Extinguishing media: CO<sub>2</sub>. Dry Powder. Foam.
- Unsuitable Extinguishing media: Water.

## SECTION 5.2 SPECIAL HAZARDS

- Special Hazards Arising from Chemical: Carbon Oxides. Emits toxic fumes under fire conditions. Sensitive to static discharge.

## SECTION 5.3 FIRE FIGHTING MEASURES

- Firefighter Instructions: Remove any source of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required.
- Protection during firefighting: Wear full protective clothing and NIOSH approved self-contained breathing apparatus. Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive dust-air mixture.

## SECTION 6.1 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container.

**Protective equipment:** As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator.

**Environmental Precautions:** Keep away from drains, surface and ground water.

## SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

**Methods and Material for Cleaning Up:** Follow federal, state, and local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

## SECTION 7.1 PRECAUTIONS FOR HANDLING

**Precautions for handling:** Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Minimize dust generation and accumulation. Dry powders can build static electricity charges when subjected to friction of transfer and mixing operations. All equipment used when handling the product must be grounded. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from incompatible materials. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Avoid dust formation. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 7.2 CONDITIONS FOR SAFE STORAGE

**Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

## SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

**PEL, ACGIH, TLV exposure limit:** No additional information available.

**Appropriate engineering controls:** Shower. Eyewash stations. Ventilation systems.

## SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

**Eye/Face Protection:** Tight sealing goggles.

**Hand Protection:** Wear protective gloves.

**Skin and Body Protection:** If skin contact or contamination of clothing is likely, protective clothing should be worn.

**Respiratory Protection:** Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.

**Environmental Exposure Control:** Do not let product enter drains.

## SECTION 8.3 ADDITIONAL INFORMATION

Other: Do not take internally. Wash thoroughly after handling.

## SECTION 9.1 PHYSICAL PROPERTIES

Appearance: Pale yellow to deep brown liquid.  
Odor: Sweet, berry like scent.  
Odor Threshold: No data available.  
Physical State: Liquid.

## SECTION 9.2 CHEMICAL PROPERTIES

pH: No data available.  
Melting Point/Freezing Point: No data available.  
Boiling Point: No data available.  
Flash Point: 335.38° C  
Evaporation Rate: No data available.  
Flammability (solid, gas): No data available.  
Explosive limits: No data available.  
Vapor Pressure: No data available.  
Vapor Density: No data available.  
Specific Gravity: 0.873 - 0.973 @ 20° C (68° F)  
Solubility: Soluble in oil and alcohol. Insoluble in water.  
Partition coefficient:  
(n-octanol/water) No data available.  
Autoignition Temp: No data available.  
Decomposition Temp: No data available.  
Viscosity: No data available.

## SECTION 10. STABILITY AND REACTIVITY

Reactivity: No additional information available.  
Chemical Stability: No additional information available.  
Hazardous Reactions: No additional information available.  
Incompatible Materials: Strong oxidizers.  
Hazardous Combustion or Decomposition Products: Thermal decomposition leads to formation of acrolein, CO, CO<sub>2</sub>, smoke, and fumes.

## SECTION 11.1 ROUTES OF EXPOSURE

Inhalation: No additional information available.  
Skin Contact: No additional information available.  
Eye Contact: No additional information available.  
Ingestion: No additional information available.



## SECTION 11.2 RELATED SYMPTOMS

Inhalation: Refer to section 4.2  
Skin Contact: Refer to section 4.2  
Eye Contact: Refer to section 4.2  
Ingestion: Refer to section 4.2

## SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

Delayed/Chronic Effects: May cause allergic reactions on skin, may result in difficulty breathing.  
Toxicity: Not classified for toxicity.  
Carcinogenic: Not Carcinogenic.

## SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity: No additional information available.  
Persistence and Degradability: No additional information available.  
Bio-accumulative: No additional information available.  
Mobility in Soil: No additional information available.

## SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects: No additional information available.

## SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method: No specific danger. Dispose of as for any non-hazardous material. Dispose according to local authority advice. May be burned together with household waste, if this is accepted by the authorities.  
Contaminated Packaging Disposal Method: Dispose according to local authority advice.

## SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land): Not regulated  
IATA Shipping (Air): Not regulated  
IMDG Shipping (Boat): Not regulated  
Proper Shipping Name: Not regulated/Non Hazardous Substance  
UN #: Not regulated  
Hazard Class: Not regulated  
Packaging Group: Not regulated

## SECTION 15. REGULATORY INFORMATION

US Federal Regulations: No additional information available.

International Regulations: No additional information available.

## SECTION 16. OTHER INFORMATION

Health Hazard (HMIS): N/A

Flammability Hazard (HMIS): N/A

Physical Hazard (HMIS): N/A

Sara 313: No additional information available.

California Proposition 65: No additional information available.

**Creation Date:** 8/1/2018

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