

**1. PRODUCT AND COMPANY IDENTIFICATION****Product Identifier****Product Code**

NV-72614

**Product Name**

BLUEBERRY FLAVOR (XTREME TYPE), N&amp;A

**Recommended use of the chemical and restrictions on use****Recommended use**

Flavors. Industrial use.

**Uses advised against**

Do not ingest as such. Avoid eye contact.

**Details of the supplier of the safety data sheet**Robertet Flavors  
10 Colonial Drive  
Piscataway, NJ 08854  
TEL: 732-981-8300  
email: regulatory@robertetusa.com**Emergency telephone number****Emergency Telephone Number**

Chemtrec 1-800-424-9300 (24 hrs)

**2. HAZARDS IDENTIFICATION****OSHA Hazard Classification****OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Label elements****Hazards not otherwise classified (HNOC)**

None known

**Other Information**

Not applicable

**Interactions with Other Chemicals**

Not applicable

**Principle Routes of Exposure**

Inhalation Skin contact Eye contact

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture. The ingredients in this mixture are considered to be proprietary and will be revealed here only at the discretion of Robertet. In the event of a genuine medical emergency, they will be revealed to a qualified health professional. In non-emergency situations, disclosure requests will be handled in accordance with the pertinent provisions of the OSHA Hazard Communication Standard.

Component	CAS No	Weight-%	GHS Classification
Ethyl acetate	141-78-6	0 - 10%	STOT SE 3 (H336) Flam. Liq. 2 (H225) Eye Irrit. 2A (H319)

### 4. FIRST AID MEASURES

#### **First Aid Measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Remove to fresh air. If symptoms arise, call a physician.
<b>Ingestion</b>	Do not induce vomiting without medical advice; Clean mouth with water; Consult a physician if necessary

#### **Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

#### **Specific Hazards Arising from the Chemical**

In the event of fire and/or explosion do not breathe fumes.

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### **Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Ensure adequate ventilation. Use personal protection equipment. Wear protective gloves/clothing and eye/face protection.
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#### **Environmental Precautions**

<b>Environmental Precautions</b>	Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
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#### **Methods and material for containment and cleaning up**

<b>Methods for Clean-Up</b>	Soak up with inert absorbent material. Prevent product from entering drains.
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## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment/face protection. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store at 55-85 Deg F / RH 30-70%.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Component	OSHA PEL (TWA)	ACGIH TLV (TWA)	ACGIH TLV (STEL)	California PEL (TWA)
Ethyl acetate 141-78-6	1400 MGM3, 400 PPM	400 PPM	-	1400 MGM3, 400 PPM

### Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes. If splashes are likely to occur, wear:. Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State:** Liquid  
**Appearance:** Light red to red liquid  
**Odor:** Characteristic  
**Odor Threshold:** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	AOAC 945.10
<b>Melting Point/Range</b>	No data available	USP <741>
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point:</b>	> 93 °C / > 200 °F	ASTM D6450
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Vapor Pressure (mm Hg @ 20°C):</b>	No data available	None known

<b>Vapor Density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Specific Gravity @ 20/20 °C:</b>	1.0429 +/- 0.02	AOAC 988.06
<b>Refractive Index @ 20°C:</b>	1.4271 +/- 0.02	AOAC 920.141
<b>Water Solubility</b>	Soluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	ASTM D2196
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

#### Other information

## 10. STABILITY AND REACTIVITY

#### Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

#### Chemical Stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.

#### Conditions to Avoid

Extremes of temperature and direct sunlight.

#### Incompatible Materials

No information available.

#### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

<b>Oral LD50</b>	>5000 mg/kg
<b>Dermal LD50</b>	No data available

## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

None known

**Persistence/Degradability**

No information available.

**Bioaccumulation/ Accumulation**

No information available.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with local regulations.

**Contaminated Packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IMDG/IMO** Not regulated

**IATA/ICAO** Not regulated

**ADR/RID** Not regulated

## 15. REGULATORY INFORMATION

### USA

**Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**State Regulations**

**California Proposition 65** This product contains the following Proposition 65 chemicals:

Component	CAS No	California Prop. 65
Pulegone	89-82-7	Listed.
Eugenyl methyl ether	93-15-2	Listed.

Please note this may include naturally occurring and/or directly added substances. Please contact our Regulatory Department if further information is needed.

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## **International Regulations**

### **Canada**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR**

### **WHMIS Hazard Class**

Not determined

<b>16. OTHER INFORMATION</b>
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### **Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**Classification and Labelling according to the IFRA/IOFI Labelling Manual 2013.**

**Issue Date:** 29-July-2016

**End of Safety Data Sheet**