

## SAFETY DATA SHEET

2012 OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200)

Revision Number: 1  
Revision Date: 18-February-2016  
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**1. PRODUCT AND COMPANY IDENTIFICATION**Product Identifier

Product Code NV-71528  
Product Name BLACKBERRY FLAVOR WONF, NATURAL

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 ClassificationOSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 4
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Label elements

Signal Word  
Warning

Hazard Statements

Combustible liquid

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Wear protective gloves/protective clothing/eye protection/face protection

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

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
Citric acid	77-92-9	0 - 10%	Skin Corr. 3 (H316) Eye Irrit. 2A (H319)
Propionic acid	79-09-4	0 - 10%	Eye Dam. 1 (H318) Acute Tox. Oral 5 (H303) Flam. Liq. 3 (H226) Skin Corr. 1B (H314)

### **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

**Environmental Precautions** Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### Methods and material for containment and cleaning up

**Methods for Clean-Up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

## 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** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 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:** Dark red to blue liquid  
**Odor:** Characteristic  
**Odor Threshold:** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	No data available	AOAC 945.10
Melting Point/Range	No data available	USP <741>



Boiling point / boiling range	No data available	None known
Flash Point:	93 °C / 200 °F	ASTM D6450
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure (mm Hg @ 20°C):	No data available	None known
Vapor Density	No data available	None known
Relative density	No data available	None known
Specific Gravity @ 20/20 °C:	1.1124 +/- 0.02	AOAC 988.06
Refractive Index @ 20°C:	1.4300 +/- 0.02	AOAC 920.141
Water Solubility	Soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition temperature	No data available	None known
Viscosity	No data available	ASTM D2196
Explosive Properties	No information available	
Oxidizing Properties	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

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

#### Numerical measures of toxicity - Product Information

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

Oral LD50 >5000 mg/kg

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Dermal LD50

No data available

## 12. ECOLOGICAL INFORMATION

### 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 does not contain any Proposition 65 chemicals

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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**

B3 Combustible liquid



## **16. OTHER INFORMATION**

#### 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.

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End of Safety Data Sheet