

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

FILE NO.: ORC1301387

MSDS DATE: 10/9/2013

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Buttered Popcorn WS Fragrance F# ORC1301387  
SYNONYMS: N/A  
PRODUCT CODES: ORC1301387

MANUFACTURER: Orchidia Fragrances, a division of Flavorchem Corporation  
DIVISION:  
ADDRESS: 1525 Brook Drive, Downers Grove, IL 60515

EMERGENCY PHONE: Domestic North America 800-424-9300, International 703-527-3887  
CHEMTREC PHONE: Domestic North America 800-424-9300, International 703-527-3887  
OTHER CALLS:  
FAX PHONE:

CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A

PRODUCT USE:  
PREPARED BY: Orchidia Fragrances, a division of Flavorchem Corporation

SECTION 1 NOTES:

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>HAZARDOUS INGREDIENTS:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Butyric Acid	107-92-6	0.28		
Acetoin	513-86-0	2.82		
Acetyl Propionyl	600-14-6	4.83		

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL		
Butyric Acid	N/A	
Acetoin	N/A	
Acetyl Propionyl	N/A	

ACGIH TLV	
Butyric Acid	N/A
Acetoin	N/A
Acetyl Propionyl	N/A

SECTION 2 NOTES:

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## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation by direct contact or from fumes.

SKIN: Prolonged contact may lead to irritation and dermatitis.

INGESTION: Harmful if swallowed in concentrated form.

INHALATION: May cause respiratory tract irritation.

ACUTE HEALTH HAZARDS: Not determined.

CHRONIC HEALTH HAZARDS: Not determined.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not determined.

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## CARCINOGENICITY

OSHA: ACGIH: NTP: IARC:  
OTHER:  
Not determined.

## SECTION 3 NOTES:

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### SECTION 4: FIRST AID MEASURES

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**EYES:** Flush eyes with water for at least 15 minutes. If irritation persists, contact a doctor.

**SKIN:** Wash skin with soap and plenty of water. Remove contaminated clothing and wash before wearing again.

**INGESTION:** If swallowed, drink milk or water and contact a doctor immediately.

**INHALATION:** Remove victim to fresh air.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

## SECTION 4 NOTES:

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### SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** Not known  
(% BY VOLUME)      **LOWER:** Not known

#### FLASH POINT:

F: 174 deg F  
C: 78.89 deg C

**METHOD USED:** Closed cup

#### AUTOIGNITION TEMPERATURE:

F: Not determined  
C: Not determined

#### NFPA HAZARD CLASSIFICATION

**HEALTH:** 1      **FLAMMABILITY:** 2      **REACTIVITY:** 0  
**OTHER:**

#### HMIS HAZARD CLASSIFICATION

**HEALTH:**      **FLAMMABILITY:**      **REACTIVITY:**  
**PROTECTION:**

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical or universal-type foam applied according to manufacturer's techniques. Water spray.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and complete personal protective equipment.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning can produce carbon dioxide and/or carbon monoxide.

## SECTION 5 NOTES:

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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#### ACCIDENTAL RELEASE MEASURES:

**Small Spill:** Cover with a non-combustible material and remove to an approved disposal container. Wash area with soap and water.

**Large Spill:** Avoid sources of ignition. Contain spilled material. Cover with a non-combustible material and remove to an approved disposal container. Avoid inhalation of vapors. If in a confined area, NIOSH approved respiratory protection may be

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required. Wash area with soap and water. Dry products should be swept up and removed to an approved disposal container.  
Wash area with soap and water.

SECTION 6 NOTES:

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Store in tightly sealed containers in a cool dry place that is well ventilated.

OTHER PRECAUTIONS:

SECTION 7 NOTES:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Not determined.

VENTILATION : Provide adequate ventilation using a mechanical exhaust fan.

RESPIRATORY PROTECTION: In well ventilated areas, respiratory protection is not normally required. In poorly ventilated areas, use NIOSH respirator.

EYE PROTECTION: Chemical safety goggles recommended.

SKIN PROTECTION: Chemical resistant gloves recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station and safety shower should be easily accessible.

WORK HYGIENIC PRACTICES: Not determined.

EXPOSURE GUIDELINES: Not determined.

SECTION 8 NOTES:

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: A clear yellow liquid

ODOR: Buttered popcorn

PHYSICAL STATE: Liquid

pH AS SUPPLIED: Not available

pH (Other): Not available

BOILING POINT: Not available

F:

C:

MELTING POINT: Not available

F:

C:

FREEZING POINT: Not available

F:

C:

VAPOR PRESSURE (mmHg): Not available

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F:

C:

VAPOR DENSITY (AIR = 1): Heavier

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F:

C:

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SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.09 (+/-0.05)

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F: 77 deg.

C: 25 deg.

EVAPORATION RATE: Not available

BASIS (=1): Not available

SOLUBILITY IN WATER: Soluble

PERCENT SOLIDS BY WEIGHT: Not available

PERCENT VOLATILE: Not available

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): Not available

WITH WATER: LBS/GAL

WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: Not available

VISCOSITY: Not available

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F:

C:

SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable.

CONDITIONS TO AVOID (STABILITY): Avoid heat, sparks and open flames.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong alkalies and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning can produce carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Not determined

SECTION 11 NOTES:

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Not determined

SECTION 12 NOTES:

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Incinerate, bury in approved manner or dispose of using any procedure which is in conformance with pertinent federal, state or local regulations.

RCRA HAZARD CLASS:

SECTION 13 NOTES:

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## SECTION 14: TRANSPORT INFORMATION

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U.S. DEPARTMENT OF TRANSPORTATION Not regulated

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION Not regulated

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION Not regulated

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not determined

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not determined

311/312 HAZARD CATEGORIES: Not determined

313 REPORTABLE INGREDIENTS: Not determined

STATE REGULATIONS: Not determined

INTERNATIONAL REGULATIONS: Not determined

SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION:

PREPARATION INFORMATION:

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