

DEGREE OF HAZARD	1	<b>Vytol BioSystems, Inc.</b>
HEALTH	1	1290 Co. Rd. M, Ste C
FLAMABILITY	1	Oakland, NE 68045
REACTIVITY	0	402-685-5442

0-insignificant, 1-slight, 2-moderate, 3-high, 4-extreme

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT IDENTIFICATION

PRODUCT NAME: Oregain Concentrate Liquid for Poultry  
 GENERAL USE: Flavor

EMERGENCY TELEPHONE NUMBER: 402-685-5442

### 2. INGREDIENTS

Dangerous substances for health as for 67/548/CEE Directive and related updating:

5% Citric acid monohydrate CAS 5949-29-1, EINECS 201-069-1  
 1% - 3% Eucalyptol CAS 470-82-6, Einecs 207-431-5, FEMA 2465, CoE 182,  
 1% - 2% Carvacrol CAS 499-75-2, EINECS 207-889-6, FEMA 2245, CoE 2055,  
 <0.5% Thymol CAS 89-83-8, EINECS 201-944-8, FEMA 3066, CoE 174  
 <0.5% Lemon CAS 84929-31-7, EINECS 284-515-8, FEMA 2625

#### OSHA REGULATORY STATUS

This material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

### 3. HAZARDOUS IDENTIFICATION

Any specific risk are not founded on the regular use of the product.

No danger with good manufacturing practice.

Health studies have shown that exposure to fragrance and flavor chemicals poses potential health risk which may vary from person to person. Therefore, exposure to liquids, vapors, mist, dust or fumes should be minimized.

Medical Conditions Generally Known to be Aggravated by Exposure: None

### 4. FIRST AID MEASURES

Eyes: Immediately flush with copious amount of water. Flush at least 15 minutes. Seek medical attention.  
 Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.  
 Ingestion: Do not induce vomit. SEEK medical attention immediately, showing M.S.D.S.  
 Skin: Remove contaminated clothing and wash skin with plenty of water for at least 15 minutes.

**5. PHYSICAL AND CHEMICAL PROPERTIES**

Color:	white to tan	Density:	n/a
Odor:	characteristic	Vapor pressure:	n/a
Physical Status:	n/a	Boiling point:	n/a
pH:	n/a	Freezing point:	n/a
Solubility in water:	insoluble	Melting point:	n/a
Partical size:	n/a		

**6. FIRE & EXPLOSION HAZARD DATA**

Flashing point:	n/a
Flammable limits:	Keep away from ignition sources.
Extinguish media:	Extinguisher recommended: water, CO2, foam, chemical-dust.
Fire fighting equipment:	Self supported breathing apparatus.
Special fire fighting procedures:	In case of burning, sulphur oxide and sulphur dioxide can be produced.

**7. SPECIAL PROTECTION**

Respiratory:	wear powder mask
Skin:	wear protective clothing and rubber gloves
Eye/face:	wear safety glasses
Ventilation:	Adequate ventilation should be provided.
Hygiene:	Wash hands after use and before eating.

**8. HANDLING AND STORAGE**

Handling:	Avoid contact with skin and eyes. Avoid product inhalation. Avoid eating, drinking and smoking while handling product.
Storage:	Store in cool, dry place in well sealed container away from light.

**9. DISPOSAL CONSIDERATION**

Dispose in accordance with environmental laws.