



# MATERIAL SAFETY DATA SHEET

Health Hazard	2
Fire Hazard	2
Reactivity	0

## HMIS Hazard Index

0 - Minimal

1 - Slight

2 - Moderate

3 - Serious

4 - Severe

Preparation Date 26-October-2011

Last Revision Date 04/01/2011

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cedrat (Citron Tree) Heart Natural  
Chemical Name: Citrus peel extract  
CAS-No: 94266-47-4  
FEMA Number: 2318  
FDA Number: 182.20  
Harmonized Tariff Code Imports: 3302.90.1050  
Harmonized Tariff Code Exports: 3302.90.0050  
Supplier: Robertet, Inc.  
125 Bauer Drive  
Oakland, NJ 07436 USA  
TEL: 201-337-7100  
E-mail: reginc@robertetusa.com

Emergency Telephone Number: Chemtrec 1-800-424-9300 (24 hrs)  
Outside of the USA (703) 527-3887. Collect calls accepted

## 2. HAZARDS IDENTIFICATION

### WARNING!

May cause sensitization by skin contact

May cause skin irritation

May be harmful if swallowed.

Appearance: Colorless liquid

Physical State: Liquid

Odor: Characteristic

OSHA Regulatory Status: One or more of the components present in greater than 1% concentration, may present the following health effects. Based on evaluation by the individual components

### Potential Health Effects

Interactions with Other Chemicals: Not available

Aggravated Medical Conditions: Not available.

Potential Environmental Effects: There is no known ecological information for this product.



### 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.

### 4. FIRST AID MEASURES

<b>General Advice</b>	Immediate medical attention is not required
<b>Eye Contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. If breathing is difficult, give oxygen
<b>Ingestion</b>	Drink 1 or 2 glasses of water
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Fire or intense heat may cause violent rupture of packages
<b>Suitable Extinguishing Media</b>	Use: Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. alcohol-resistant foam.
<b>Unsuitable Extinguishing Media</b>	Not available
<b>Hazardous Combustion Products</b>	Not available
<b>Explosion Data</b>	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

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

Thermal decomposition can lead to release of irritating gases and vapors.

#### **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

<b>Personal Precautions</b>	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
<b>Methods for Containment</b>	In the quantities which this material is normally shipped or stored, spills or leaks pose no problem. Contain and recover them with absorbants. Place soaked absorbant in covered metal receptacles.
<b>Other Information</b>	Not applicable



## 7. HANDLING AND STORAGE

Handling	Wear personal protective equipment. Remove all sources of ignition. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. - No smoking. Keep away from flames and hot surfaces. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice .
Storage Conditions	Store in cool temperature (less than 18 degrees celsius), protected from air and light for 12 months in its original hermetically sealed container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	
Eye/face Protection	Tightly fitting safety goggles.
Skin Protection	Wear protective gloves/clothing.
Respiratory Protection	No special precautions are necessary other than following good manufacturing practices.
General Hygiene Considerations	
When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid
Odor:	Characteristic
Physical State:	Liquid
Flash Point:	59°C / 138°F
Method:	Closed cup
Specific Gravity @ 20/20 °C:	0.8560-0.8760
Specific Gravity @ 25/25 °C:	0.8528-0.8728
Refractive Index @ 20°C:	1.4680-1.4780
Refractive Index @ 25°C:	1.4660-1.4760
Vapor Pressure (mm Hg @ 20°C):	~1

## 10. STABILITY AND REACTIVITY

Presents no significant hazard. Not pyrophoric nor reactive with water. Does not undergo explosive decomposition, is shock stable, and is not an oxygen donor. Does not form explosive mixtures with other organic materials. Will not undergo hazardous exothermic polymerization.

Chemical Stability	Stable under normal conditions. Hazardous polymerisation does not occur.
Conditions to Avoid	Heating in air.
Materials to avoid	Strong oxidizing agents
Possibility of Hazardous Reactions	None under normal processing



## 11. TOXICOLOGICAL INFORMATION

None available

## 12. ECOLOGICAL INFORMATION

None available

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
------------	---------------

### IATA/ICAO

UN-No	1266
Proper Shipping Name	Perfumery products
Hazard Class	3
Packing Group	III

### IMDG/IMO

UN-No	1266
Proper Shipping Name	Perfumery products
Hazard Class	3
Packing Group	III

## 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.

#### SARA 311/312 Hazardous Categorization

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### State Regulations



**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**16. OTHER INFORMATION**

The opinions expressed herein are those of qualified experts within Robertet. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and the conditions of use of this product are not within the control of Robertet, it is the user's obligation to determine conditions of safe use of the product.

**End of MSDS**