

Product code DL4690

Product name Steady Freddy Orange Zest



# Material Safety Data Sheet

Revision Date  
11-Oct-2005

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DL4690  
Product name Steady Freddy Orange Zest  
Recommended Use Deodorizer  
Supplier Drummond American Corporation  
600 Corporate Woods Parkway  
Vernon Hills, IL 60061  
(847) 913-9313

Emergency telephone number (888) 426-4851

## 2. HAZARDS IDENTIFICATION

Emergency Overview  
Combustible material.

Aggravated Medical Conditions  
Dermatitis.

Principal Routes of Exposure  
Eyes, Skin, Inhalation, Ingestion.

Potential health effects.

Eyes Contact with eyes may cause irritation.

Skin May cause the following effects: - Sensitization, Allergic reaction. Prolonged skin contact may cause skin irritation and/or dermatitis.

Inhalation No information available

Ingestion No information available

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: Fragrance  
CAS-No: Mixture  
Weight %: 75-100

## 4. FIRST AID MEASURES

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Flush skin with water. Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists.

Ingestion Drink 1 or 2 glasses of water or milk. Call a physician immediately.

Inhalation Remove to fresh air. Contact physician if breathing difficulty develops.

## 5. FIRE FIGHTING MEASURES

Flash point °C 62-67  
Flash point °F 143.6-152.6  
Method Closed cup

Autoignition temperature °C No data available  
Autoignition temperature °F No data available

Flammability Limits (% in Air)  
Upper No data available  
Lower No data available

Suitable extinguishing media  
Carbon dioxide (CO2), Dry chemical, Foam.

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

Fire and Explosion Hazards  
Do not use direct water stream.

Sensitivity to shock  
No information available.

Sensitivity to static discharge  
No information available.

## 6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up  
Eliminate all sources of ignition. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

Clean-up methods - small spill  
Absorb with fire resistant absorbent. Pick up and transfer to properly labeled container.

Clean-up methods - large spill  
Contact fire authorities and appropriate state/local agencies.

## 7. HANDLING AND STORAGE

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Handling  
Avoid contact with skin and eyes. Keep away from open flames, hot surfaces and sources of ignition.

Storage  
Store away from flammable and combustible materials. Do not store near strong acids, bases, oxidizers, flammables or any other type of reactive material.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits  
None required.

Chemical Name (TWA)	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Fragrance				

Ventilation and Environmental Controls  
None required.

Hygiene measures  
Wash hands after handling the product.

Respiratory protection  
None necessary under normal conditions.

Hand protection  
Gloves are not required in normal use.

Eye protection  
None necessary under normal use conditions.

Skin and body protection  
No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid  
Color Colorless - Light yellow  
Odor Fresh

Odor Threshold  
No information available

pH  
0.99-1.02

Specific Gravity  
No data available

Vapor pressure  
No data available

Evaporation Rate  
No data available

Water solubility  
Insoluble

Partition Coefficient (n-octanol/water)  
No data available

Boiling point/range °C  
No data available

Melting point/range °C  
No data available

Flash point °C 62-67

Flash point °F 143.6-152.6

## 10. STABILITY AND REACTIVITY

Stability  
Stable.

Conditions to avoid  
Avoid open flames. Application to hot surfaces.

Materials to avoid  
Strong oxidizing agents, Caustics, Acids, Reducing agents.  
Hazardous decomposition products  
None known.

Polymerization  
No information available.

## 11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name (oral/rat)	LD50 (oral/rat)	LD50 (dermal/rat)	LC50 (inhalation/rat)
Fragrance			

Synthetic Products  
No information available

Potential health effects

Sensitization  
No information available.

Chronic toxicity  
No information available

Mutagenic effects  
No information available.

Teratogenic effects  
No information available

Reproductive toxicity  
No information available

Target Organ Effects  
No information available

Carcinogenic effects  
See table below

Chemical Name	ACGIH - OEL - Carcinogens	IARC - Carcinogens	NTP - Known - Carcinogens	NTP - Suspected - Carcinogens	OSHA - RTK - Carcinogens
Fragrance	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

## 12. ECOLOGICAL INFORMATION

Ecotoxicity effects  
No information available

## 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products  
Do not reuse container. Discard in accordance with federal, state, and local regulations.

## 14. TRANSPORTATION INFORMATION

DOT

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Not Regulated

**TDC**  
Not Regulated

**WDS/MSD**  
Not Regulated

**IATA**  
Not Regulated

**MEX**  
Not Regulated

**15. REGULATORY INFORMATION**

Chemical Name	New Jersey	Pennsylvania	California
Franchise	Not Listed	Not Listed	Not Listed

Chemical Name	DEL	IND	MSD	FL	CA
Franchise	-	-	-	-	-

**CPRC**  
This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

**16. OTHER INFORMATION**

**HEPA**

Health - 1  
Flammability - 2  
Reactivity - 0

**HMS**

Health - 1  
Flammability - 2  
Physical Hazard - 0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.