

# MSDS *Material Safety Data Sheet* KENRA, LTD. KENRA, LTD.

Kenra Perfect Medium Spray 55% VOC / 80% VOC

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MSDS Number: 16700-16600-1

Revision Date: 19 Dec. 07'

## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Kenra, LTD

6501 Julian Avenue  
Indianapolis, IN 46219

**Contact:** Customer Service

**Telephone Number:** 1-800-428-8073

**FAX Number:** 317-351-1329

**E-Mail:** customerservice@kenra.com

**Web** www.kenra.com

Product Name: Kenra Perfect Medium Spray 55% VOC / 80% VOC  
Revision Date: 19 Dec. 07'  
MSDS Number: 16700-16600-1  
Product Code: 16700-16600-1  
Chemical Family: Personal Care Product  
Synonyms: Fixative  
Internal ID: Retail MSDS  
Product Use: Hair Care Product

**Emergency Phone Contact:**

**Poison Control: 1.800.222.1222**

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
55%		
75376	1,1-Difluoroethane, R152a	<42%
64175	Ethanol	54%
80%		
925213	2-Butenedioic acid (2Z)-, monobutyl ester	<10%
75285	Isobutane	<20%
75376	1,1-Difluoroethane, R152a	<20%
64175	Ethanol	<60%

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## 3 HAZARDS IDENTIFICATION

**Route of Entry:** Inhalation, skin, eye, ingestion.  
**Target Organs:** Not applicable.  
**Inhalation:** Mist may cause irritation to respiratory tract.  
**Skin Contact:** May cause irritation to sensitive individuals.  
**Eye Contact:** Direct contact may cause irritation and may result in irreversible damage.  
**Ingestion:** May cause irritation to mouth, throat, and stomach. May cause nausea and vomiting. If in aerosol form ingestion not likely.

## 4 FIRST AID MEASURES

**Inhalation:** Remove to ventilated area. Consult physician if problem persists.  
**Skin Contact:** Rinse with water. Consult physician if problem persists.  
**Eye Contact:** Rinse with water for 15 minutes. Consult physician if problem persists.  
**Ingestion:** Consult physician.

## 5 FIRE FIGHTING MEASURES

**Flash Point:** -30 F (Propellant Only), 36 F (Concentrate)  
**Flash Point Method:** Tag Closed Cup  
**Burning Rate:** N/A  
**Autoignition Temperature:** N/A  
**LEL:** 1.8%  
**UEL:** 9.5%  
**Flammability Classification:** 4

**Other:**  
All purpose extinguisher.

## 6 ACCIDENTAL RELEASE MEASURES

Small amounts can be washed to a drain with water or absorbed with the appropriate material and disposed of in accordance with local, state, and federal guidelines. Leaking containers should be placed in open containers, outdoors, away from any source of ignition, until all pressure has been released. Recycle plastic containers whenever possible.

## 7 HANDLING AND STORAGE

**Handling Precautions:** For external use only. Avoid eye contact. Keep out of reach of children.  
**Storage Requirements:** Avoid extreme heat and freezing temperatures. Keep temperature of containers below 120 F.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** None needed for normal use.  
**Protective Equipment:** None needed for normal use.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Transparent, light yellow	<b>Boiling Point:</b>	173 F
<b>Physical State:</b>	Liquid / Aerosol	<b>Freezing/Melting Pt.:</b>	0 C / N/A
<b>Odor:</b>	Fresh & Clean Odor	<b>Solubility:</b>	Soluble
<b>pH:</b>	n/a	<b>Spec Grav./Density:</b>	n/a (55%): 1.02 +/- (80%)
<b>Vapor Pressure:</b>	60 psig @ 70F		
<b>Vapor Density:</b>	>1		
<b>VOC:</b>	54% (55%): 80% (80%)		
<b>Evap. Rate:</b>	>1		
<b>Bulk Density:</b>	.814 +/-		
<b>Viscosity:</b>	Aerosol @ ambient		

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	Do not store in conditions where containers will reach 120F.
<b>Materials to avoid (incompatibility):</b>	Strong oxidizing or reducing agents.
<b>Hazardous Decomposition products:</b>	Will not occur under normal conditions.
<b>Hazardous Polymerization:</b>	Will not occur.

## 11 TOXICOLOGICAL INFORMATION

## 12 ECOLOGICAL INFORMATION

Empty containers may be disposed of as normal refuse. This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. Do not puncture container.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance to local, state, and federal regulations. Recycle whenever possible.

## 14 TRANSPORT INFORMATION

Toilet Preparations, N.O.I., In Boxes, NMFC Item 60000, RVNX, Class 70. IN CASE OF EMERGENCY CALL CHEMTREC 1.800.424.9300. Carton must be marked aerosols.

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## **REGULATORY INFORMATION**

TSCA: Components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory.

SARA TITLE III, Sec. 311-312: Acute, fire, sudden release (Ethane, 1,1-Difluoro-); Acute and fire hazard Ethane, 1,1-Difluoro-, Ethanol)

SARA TITLE III, Section 313: None noted.

CALIFORNIA PROP 65; Not regulated.

NPCA-HMIS Classification

Health 1

Flammability 4

Reactivity 0

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## **OTHER INFORMATION**

Kenra, LTD makes no warranty, express or implied, as to the accuracy, completeness, or reliability of information contained herein, except that such information is, to the best of our knowledge and belief, accurate as of the date indicated. We assume no responsibility for the application of this information or the consequences of its use.

**END OF MSDS DOCUMENT**