

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

Kenra Volume Spray 55% VOC / 80% VOC

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MSDS Number: 16300-16100

Revision Date: 30 July 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 Volume Spray 55% VOC / 80% VOC  
Revision Date: 30 July 07'  
MSDS Number: 16300-16100  
Product Code: 16300-16100  
Chemical Family: Personal Care Product  
Synonyms: Finishing Fixative - Aerosol  
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.
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55%		
64-17-5	Ethanol	<55%
124-68-5	Aminomethyl Propanol	<5%
75-37-6	Ethane,1,1-Difluoro-	<45%
80%		
64-17-5	Ethanol	<65%
124-68-5	Aminomethyl Propanol	<5%
68476-85-7	Isobutane	<20%
75-37-6	Ethane,1,1-Difluoro-	<20%

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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.  
**Ingestion:** May cause irritation to mouth, throat, and stomach.

## 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  
**Flash Point Method:** Tag Closed Cup  
**LEL:** 1.8%  
**UEL:** 9.5%

**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. 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, flame, and freezing temperatures. Containers may rupture and release flammable liquids and/or gasses if exposed to the heat of fire. Keep containers <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 pale yellow	<b>Boiling Point:</b>	173 F
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	
<b>Odor:</b>	Floral	<b>Solubility:</b>	Complete
<b>pH:</b>		<b>Spec Grav./Density:</b>	.81 +/-
<b>Vapor Pressure:</b>	60 psig @ 70 F		
<b>Vapor Density:</b>	>1		
<b>VOC:</b>	80%		
<b>Evap. Rate:</b>	>1		
<b>Viscosity:</b>	5 cP		

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	None known.
<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

## 13 DISPOSAL CONSIDERATIONS

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

## 14 TRANSPORT INFORMATION

CONSUMER COMMODITY, ORM-D, IN CARTONS ITEM 60000A RVNX \$2.50 PER LB. IN CASE OF EMERGENCY CALL CHEMTREC 1.800.424.9300

## 15 REGULATORY INFORMATION

## 16 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.

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**END OF MSDS DOCUMENT**