

SDS Compliant with Regulation  
(EC) No 1907/2006 - N° 453/2006

Version 1.01  
August 12, 2014

## SAFETY DATA SHEET

(REACH Regulation (EC) N° 1907/2006 - N° 453/2010)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

- GHS product name: Kenra – Dry Thickening Spray
- Product code: B-9352

#### 1.2. Relevant identified uses: Hair Care

Uses advised against: Not available

#### 1.3. Details of the supplier of the safety data sheet

- Registered company name: KIK Custom Products
- Address: 1919 Superior st, Elkhart, IN 46515
- Telephone: (574)295-0000 Fax: (574)296-1700
- www.KIKCorp.com

#### 1.4. Emergency telephone number

KIK Elkhart: (574)295-0000 Monday - Friday, 8:00 am – 5:00 pm EST  
Chem-tel: (800) 255-3924 – 24-Hours ; Contract number: MIS0002907

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

In compliance with EC regulation No.1272/2008 (CLP) and its amendments.

- This mixture does not present a physical hazard. .

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

- This mixture does not present a physical hazard.

#### 2.2. Label elements

In compliance with EC regulation No.1272/2008 and its amendments.

- Hazard pictograms:



- Signal Word: WARNING

- Hazard statements:

H223 Flammable aerosol

H229 Pressurized container: may burst if heated

- Precautionary statements - Prevention:

P210 + P211 Keep away from heat/spark/open flames/hot surfaces. No smoking. Do

not spray on an open flame or other Ignition source

P251 Do not pierce or burn, even after use

- Precautionary statements - Storage:

P410 + P412 Protect from sun light. Do not expose to temperature exceeding 50 oC/122 oF.

In compliance with Directive 67/548/EEC, 1999/45/EC and their amendments: Exempt under EU directive 76/768/EEC

- Hazard statements: Exempt under EU directive 76/768/EEC
- Precautionary statement: Exempt under EU directive 76/768/EEC
- Risk Phrases: Exempt under EU directive 76/768/EEC
- Safety Phrases: Exempt under EU directive 76/768/EEC

### 2.3. Other hazards

- No data available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

- No substances fulfill the criteria set forth in Annex II section A of the REACH regulation (EC) N° 1907/2006.

### 3.2. Mixtures

Composition :

Identification	Name	Classification	%
CAS# 75-37-6	Hydrofluorocarbon 152a	H221	28 - 35
CAS# 64-17-5	Ethanol	R11	54-55

## SECTION 4: FIRST AID MEASURES

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing in an unconscious person.

### 4.1. Description of first aid measures

In the event of exposure by inhalation:

- In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention. Apply artificial respiration if necessary

In the event of splashes or contact with eyes:

- Remove any contact lenses. Remove particles by irrigating with eye wash solution or clean water for 15 minutes holding the eyelids open. If symptoms occur obtain medical attention

In the event of swallowing:

- do not induce vomiting
- Seek medical attention immediately, showing the label.

### 4.2. Most important symptoms and effects, both acute and delayed

- No data available.

### 4.3. Indication of any immediate medical attention and special treatment needed

- No data available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

- Water spray, Foam, Carbon Dioxide, Dry chemical
- Special Fire Fighting Procedures: Keep container cool by spraying them with water until the fire has been extinguished

### 5.2. Special hazards arising from the substance or mixture

- Containers may rupture and release flammable liquids and /or gasses if exposed to the heat of fire

### 5.3. Advice for firefighters

- fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.
  - For non fire-fighters
    - Eliminate source of ignition. Prevent additional discharge of material. Minimize breathing of vapors and skin contact. Ventilate confined space. Observe precaution for volatile, combustible vapors from absorbed material
      - If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For fire-fighters

- Fire-fighters will be equipped with suitable personal protective equipment (See section 8)

### 6.2. Environmental precautions

- Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
  - Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

- Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

- No data available.

## SECTION 7: HANDLING AND STORAGE

- Requirements relating to storage premises apply to all facilities where the mixture is handled.
- Individuals with a history of skin sensitization should not, under any circumstance, handle this mixture.

### 7.1. Precautions for safe handling

- Keep container closed. Handle and open container with care. Store in a ventilated place away from flammable material. Do not handle or store near an open flame, heat or other source of ignition. Do not cut, pressurize, heat or weld empty container. Do not reuse empty container

### 7.2. Conditions for safe storage, including any incompatibilities

- Store at ambient temperature in a dry, well ventilated place.
- Do not store near heat or open flame
- Storage Level 1
  - Always keep in packaging made of an identical material to the original

### 7.3. Specific end use(s)

- No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control parameters

Occupational exposure limits: Exempt under EU directive 76/768/EEC

- TWA Total Workplace Allowance
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state: Aerosol

Appearance - Misty spray of clear liquid

Color - Clear

Odor – Fresh floral

Ph (value) – not applicable

Melting Point (C) / Freezing Point (C) – not applicable

Flash Point (oC) – Propellant only -2 °C; Concentrate only 2 °C

Evaporation Rate – >1

Flammability (solid, gas) – Flammable

Explosive limits ranges – not available

Vapor pressure (mm Hg) @ 20 oC - Can pressure not to exceed 180 psig @ 131°F (12.4 bar @ 55 oC)

Vapor density (Air =1) - > 1

Density (g/ml) – 0.81 -0.85

Percent Volatile – 54%

Solubility (Water) – Soluble

Auto ignition Temperature (oC) – not available

Viscosity (mPa.s) – Aerosol at ambient temperature

Explosive Properties – not explosive

Oxidizing properties – not oxidizing

### 9.2. Other information

- No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

- None

### 10.2. Chemical stability

- This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

- None

### 10.4. Conditions to avoid

- Avoid:
  - Exposure to sun light, heat, or condition to heat them above 120 oF (48 oC)

### 10.5. Incompatible materials

- None known

### 10.6. Hazardous decomposition products

- None known
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#### SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

- No specific toxicological data are available for this product. Please refer to Section VI for information regarding accidental releases and Section XV for regulatory reporting information

#### SECTION 12: ECOLOGICAL INFORMATION

##### 12.1. Toxicity

- No data available

##### 12.2. Persistence and degradability

- No data available.

##### 12.3. Bioaccumulative potential

- No data available.

##### 12.4. Mobility in soil

- No data available.

##### 12.5. Results of PBT and vPvB assessment

- No data available.

##### 12.6. Other adverse effects

- No data available.

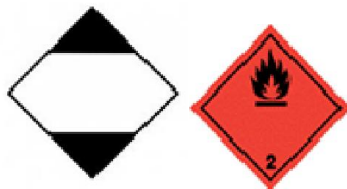
#### SECTION 13: DISPOSAL CONSIDERATIONS

##### 13.1. Waste treatment methods

- Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
  - Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. May be disposed of by controlled incineration. Empty containers may be disposed of as normal refuse. Please recycle whenever possible.
  - Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### SECTION 14: TRANSPORT INFORMATION

- Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).
- Classification:



Flammable

U. S. DOT PROPER SHIPPING NAME:	UN 1950, Aerosol , Flammable, 2.1 , LQ 2
U. S. DOT HAZARD CLASS:	2.1
U. S. DOT LABELS REQUIRED:	None
U. S. DOT PLACARDS REQUIRED:	None

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IATA PROPER SHIPPING NAME: Aerosols, Flammable, N.O.S., UN1950 (Export)  
IATA HAZARD CLASS: 2.1  
IATA LABELS REQUIRED: Flammable Gas (Export)  
EMERGENCY RESPONSE GUIDE NUMBER: 126  
EMERGENCY RESPONSE NUMBERS: CHEM-TEL: 1-813-979-0626  
US & Canada Only: 1-800-255-3924  
International: 00-1-813979-0626

IMDG PROPER SHIPPING NAME: UN1950 Aerosols, 2.1 (-34,4°C c.c)  
IMDG HAZARD CLASS: 2.1  
IMDG LABELS REQUIRED: none



IMDG SECONDARY LABELS REQUIRED:

IMDG PLACARDS REQUIRED: None  
BILL OF LADING DESCRIPTION: Aerosol, 2, UN1950  
MARINE POLLUTANT: No  
EMERGENCY RESPONSE GUIDE NUMBER: 126  
EMS NUMBER: 2-13  
MFAG NUMBER: 620  
EMERGENCY RESPONSE NUMBERS: CHEM-TEL: 1-813-979-0626  
US & Canada Only: 1-800-255-3924  
International: 00-1-813979-0626

IMDG PAGE NUMBER: 2102  
UN/NA CODE: UN1950  
SECTION 15: REGULATORY INFORMATION

#### USA

TSCA: Components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory  
SARA TITLE III, Section 311-312: Acute, Fire, Sudden Release (1,1-Difluoro-Ethane); Acute and Fire  
Hazard (1,1-Difluoro-Ethane, Ethanol)  
SARA TITLE III, Section 313: None noted  
CALIFORNIA PROPOSITION 65: Not Regulated

#### Canadian Regulation:

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian  
Domestic Substance List  
Canadian WHMIS Classification: Class B-Division 5 Flammable Aerosol



European Inventory of Existing Commercial Chemical Substances (EINECS): All of the  
ingredients are listed on the EINECS inventory

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European Community Labeling



Flammable

H223 Flammable aerosol  
H229 Pressurized container: may burst if heated  
P210 + P211 Keep away from heat/spark/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source  
P251 Do not pierce or burn, even after use  
P410 + P412 Protect from sun light. Do not expose to temperature exceeding 50 oC/122 oF

SECTION 16: OTHER INFORMATION

HAZARD RATING SYSTEMS: This information is for people trained in: National Paint & Coatings Association's (NPCA) Hazardous Materials Identification System (HMIS) and/or National Fire Protection Association (NFPA 704) Identification of the Fire Hazards of Materials.

	NPCA-HMIS	NFPA 704	KEY:NPCA-HMIS/NFPA 704
HEALTH	1 NA	4=Severe/Extreme	
FLAMMABILITY	4	NA	3=Serious/High
REACTIVITY	0 NA	2=Moderate/Moderate	
		1=Slight/Slight	
		0=Minimal/Insignificant	

NOTE: The information presented herein for this product or its components has been compiled from different supplier sources considered to be dependable and is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. However, no representation, warranty, or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Any use of this product which is not in conformance with this MSDS or which involves using the product in combination with any other product or any process is the responsibility of the user.

EXPLANATION OF ABBREVIATIONS:

ACGIH - American Conference of Governmental Industrial Hygienists

CAS# - Chemical Abstract System No.

DOT -Department Of Transportation

IMDG - International Maritime Dangerous Goods code

NA - Not Applicable

ND - Not Determined

NFPA - National Fire Protection Association

OSHA - Occupational Safety and Health Administration

PMCC - Pensky-Martin Closed Cup (flash point)

SARA - Superfund Amendments and Reauthorization Act Title I, II, III