

# KIMBALL MIDWEST

## SAFETY DATA SHEET

### Specializing in Materials Management

#### 1. Identification

**Product Identifier:** VINDICATOR INSTANT HAND SANITIZER

**Application or recommended use:** Hand cleaner

**Restrictions on use:** Do not use in any fashion not specified on the product label.

**Supplier:** Kimball Midwest  
4800 Roberts Road  
Columbus, Ohio 43228 USA

**Telephone:** 614-219-6100 **Emergency phone:** 800-424-9300 **National Poison Center:** 800-222-1222

#### 2. Hazards Identification

**GHS Classification:** Classification of this mixture in accordance with paragraph (d) of §1910.1200.

Eye Damage/Irritation - Category 2B

Flammable Liquids - Category 3

**Label elements:**



Symbol:

Signal word:

**WARNING**

Hazard statements: Causes eye irritation. Flammable liquid and vapor

Precautionary statements: Keep away from heat, sparks, open flames and hot surfaces. – No smoking.

Keep container tightly closed.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

In case of fire: Use dry chemical or alcohol-resistant foam to extinguish.

Store in a cool, well-ventilated place.

Dispose of contents/container to an approved disposal facility.

**Other Hazards:** None known.

#### 3. Composition / Information on Ingredients

**Chemical characterization:** Mixture of alcohol, water, humectants, thickening and auxiliary agents.

**Hazardous ingredients:** The exact percentage of composition has been withheld as a trade secret.

65 - 70% Ethanol CAS 64-17-5

1 - 5% Propylene glycol CAS 57-55-6

**Other ingredients (> 1%):**

> 20% Water CAS 7732-18-5

#### 4. First-Aid Measures

**Symptoms:** Irritation of affected areas. May cause eye irritation.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. If vomiting occurs, keep head below hips to reduce risk of aspiration. **Note to Physician:** Treat exposed patients symptomatically.

#### 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Dry chemical or alcohol-resistant foam.

**Unsuitable Extinguishing Media:** High volume water-jet.

**Specific hazards in case of fire:** Flash back is possible. Vapors can accumulate in low areas.

**Special Fire Fighting Precautions:** Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

## 6. Accidental Release Measures

**Emergency Procedures:** Depending on the extent of release, consider the need for restriction of access to spill area.

**Personal Precautions:** Eliminate possible ignition sources. Stay up wind of spill. Do not eat, drink or smoke during clean up. Wear eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

**Environmental Precautions:** Prevent spills from entering storm sewers/drains or contact with soil.

**Clean up Methods:** Small spills may be wiped up and rinsed with water. For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water.

## 7. Handling and Storage

**Precautions for Safe Handling:** Read label before use. Avoid contact with eyes. Use only according to label directions.

**Conditions for Safe Storage:** Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store in tightly closed, original container in a cool (10° - 30°C), dry well-ventilated area.

**Incompatibility:** None known.

## 8. Exposure Controls / Personal Protection

**Components with occupational exposure limits:**

Component	Reference	TWA	PEL
Ethanol	ACGIH	1000 ppm	
	OSHA		1000 ppm

**Engineering Controls:** Good general ventilation.

**Personal Protective Equipment**

**Respiratory:** Respiratory protection is not necessary. **Gloves:** Not required.

**Eye Protection:** Recommended when handling open containers or when splashing of product may occur.

**Other:** Not required.

## 9. Physical and Chemical Properties

<b>Physical State</b> -	Clear gel	<b>Auto-ignition temperature</b> -	Not available
<b>Color</b> -	None	<b>Flash Point</b> -	Not available
<b>Odor</b> -	Alcohol	<b>Flammability</b> -	Not available
<b>Odor Threshold</b> -	Not available	<b>Flammability Limits</b> -	Not available
<b>Boiling Point</b> -	Not available	<b>Partition coefficient</b> -	Not available
<b>Decomposition temperature</b> -	Not available	<b>Solubility (Water)</b> -	Complete
<b>Freezing Point</b> -	< 32°F	<b>Vapor Density</b> -	No data available
<b>pH (Neat)</b> -	7.0 - 8.0	<b>Vapor Pressure</b> -	No data available
<b>Relative Density</b> -	0.900	<b>Viscosity</b> -	Viscous gel
<b>Evaporation Rate</b> -	Similar to ethanol	<b>% VOC</b> -	< 0.5 (Excluding exempt material)

## 10. Stability and Reactivity

**Reactivity:** No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected. **Incompatible materials:** None known.

**Chemical stability:** This product is stable at ambient temperatures and pressures.

**Conditions to avoid:** Temperatures above 50°C or below 10°C. Heat, sparks or open flame.

**Hazardous decomposition products:** Carbon oxides.

## 11. Toxicological Information

**Acute Toxicity:** Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Dermal	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Inhalation	> 20 mg/L	Not applicable	Ingredient literature (Additive formula)
Eye Damage/Irritation	Irritation	Category 2B	Ingredient literature
Skin Damage/Irritation	Not applicable	Not applicable	Ingredient literature

**Summary:** Skin and eye contact are most likely routes of exposure. May cause minor eye irritation.

**Subchronic/Chronic Toxicity:**

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature.

**Summary:** Repeated or prolonged contact may cause temporary eye irritation.

**Carcinogens** - Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

**Other data** - No other toxicological information is available for this mixture.

**12. Ecological Information**

This material has not been tested for acute environmental effects.

**Persistence and degradability:** Material is not persistent. All organic components > 1% are readily biodegradable.

**Bio-accumulative potential:** No evidence to suggest bio-accumulation will occur.

**Mobility:** Accidental spillage may lead to penetration of soil and groundwater.

**13. Disposal Considerations**

Do not contaminate water, food or feed by disposal. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

**14. Transport Information**

**Proper Shipping Name:** UN 1993 Flammable Liquid (Ethanol) **RQ - Not Applicable**

**Shipping emergency phone:** 800-424-9300

**Transport hazard class:** 3 **Hazard Label:** Not required for Limited Quantity

**Packing Group:** II **Emergency Guide No.:** 127 **Marine Pollutant:** No

**15. Regulatory Information**

**Inventory status:** All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia), ENCS(Japan).

**OSHA Hazard Communication Standard:** This product is not classified as a "Hazardous Chemical".

**Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312**

<b>Immediate (Acute) Health Hazard</b>	No	<b>Delayed (Chronic) Health Hazard</b>	No
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<b>Fire Hazard</b>	No	<b>Reactive Hazard</b>	No
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<b>Sudden Release of Pressure Hazard</b>	No
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**Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313**

\*Chemicals marked with an asterisk in "3. Composition/Information on Ingredients" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

**Pennsylvania/New Jersey/Massachusetts Right to Know**

See "3. Composition/Information on Ingredients" for hazardous and top five ingredients over 1%.

**California Proposition 65:** This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**16. Other information**

**Date issued:** 27. 05. 2015

**Revision:** N/A

**Disclaimer:** No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. **Prepared by:** R&D