



Instant Hand Sanitizer

5960 W. Parker Road
Suite 278 #235
Plano, TX 75093
1-866-989-2238

MATRIX CHEMICAL

Revision Date: 05-20-2020

Version 1.0

SECTION 1: IDENTIFICATION

Trade Name: Instant Hand Sanitizer

Chemical Name:

Use of Substance/Mixture: Antiseptic/Personal Care

Emergency Phone Number:

ChemTrec

Phone: 1-800-424-9300

Contract Number: #202934

SECTION 2: HAZARD(S) IDENTIFICATION

GHS-US Classification

Flammable liquid and vapor.

Hazard Pictograms



Signal Word

Danger

Hazard Statements

H226 - Highly flammable liquid and vapor.

H319 - Causes serious eye irritation.

Precautionary Statements

P210 - Keep away from heat, open flames, sparks. - No smoking.

P235 - Keep Coll.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical, lighting, ventilating equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures.



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Ingestion:	If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression.
Eyes/Skin:	The liquid may produce eye discomfort and is capable of causing temporary impairment of vision and/or transient eye inflammation, ulceration. The vapor is discomfoting to the eye. Splashes may cause severe eye irritation, possible corneal burns and eye damage. Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. May be irritating to skin, especially after prolonged contact. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
Inhalation:	Vapors of this product may be moderately irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of concentrated vapors can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea). Odor may give some warning of exposure, but odor fatigue may occur.
Symptoms of overexposure:	Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
Acute Health Effects:	Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea. The material may accentuate any pre-existing dermatitis condition.
Chronic Health Effects:	None known
Target Organs	Eyes, skin & respiratory system
Other Hazards	No additional information available
Unknown Acute Toxicity	No data available



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SECTION 3: COMPOSITION/INGREDIENT INFORMATION

Name	Product Identifier	%
Isopropyl Alcohol	67-63-0	70.0
Water	7732-18-5	26-29
Carbomer	9003	0.2-1.0
Aloe Vera	85507-69-3	0.2-1.0
Triethanolamine	102-71-6	0.2-1.0
Fragrance	xxxx	0.1-0.6

Full text of H-phrases: See Section 16



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SECTION 4: FIRST-AID MEASURES

First-Aid Measures

First-Aid Measures After Inhalation: If breathing is difficult, move to fresh air.

First-Aid Measures After Skin Contact: Flush with water.

First-Aid Measures After Eye Contact: Flush with water.

First Aid Measures After Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Advice for Firefighters

Firefighting Instructions: Large quantities of gel hand sanitizer are flammable, and vapors form explosive mixtures with air.

Dangerous when exposed to heat, sparks, flame or oxidants.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.

For Non-Emergency Personnel

For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse

For Emergency Responders

For spills ³ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth).

Environmental Precautions

Use ONLY non-sparking tools for recovery and cleanup.

Methods and Material for Containment and Cleaning Up

Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal.

Reference to Other Sections

Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

SECTION 7: HANDLING AND STORAGE

Work & Hygiene Practices:

Avoid prolonged contact with this material. Avoid breathing the vapors generated by this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). Wash exposed skin thoroughly with plenty of soap & water after using this product. If necessary, use a moisturizer after washing. Do not eat, drink, or smoke while handling this product.

Storage Conditions: Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Keep away from incompatible materials listed in Section 10. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. As a precaution against exposure to the eyes, nose, throat and face, this product should not be stored higher than waist level.

Keep away from children at all times!

Incompatible Materials: Keep away from open flame.

Storage Area: Keep in cool dry area.

Special Rules on Packaging: Any special rules for packaging.

Specific End Use(s)

Hands and Feet



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls

Appropriate Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Hand Protection	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ³ 1 gallon), wear rub-
Eye Protection	Safety Goggles (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks.
Skin and Body Protection	Wear overalls to keep skin contact to a minimum. Use neoprene or rubber gloves or PVC.
Respiratory Protection	If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.
Thermal Hazard Protection	Keep away from open flame
Other Information	Eye bath and safety showers. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	GEL
Color	CLEAR
Odor	VARIOUS
Odor Threshold	NE
pH	7.8-8.6
Relative Evaporation Rate (butyl acetate=1)	ND
Melting Point	ND
Freezing Point	ND
Boiling Point	82 deg. C
Flash Point	86°F
Auto-Ignition Temperature	ND
Decomposition Temperature	ND
Flammability (Solid, Gas)	ND
Vapor Pressure	ND
Relative Vapor Density at 20°C	ND
Relative Density	ND
Density	0.791 1
Solubility	Complete
Log Pow	ND
Log Kow	ND
Viscosity, Kinematic	ND
Viscosity, Dynamic	ND
Explosive Properties	ND
Oxidizing Properties	ND
% Ethyl Alcohol	55.8-68.2
Specific Gravity	0.860-0.889



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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Relatively stable under ambient conditions when stored properly.

Conditions to Avoid: Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame.

Hazardous Decomposition Products: If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon & nitrogen).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Reproductive Toxicity: This Product is not reported to cause reproductive effects in humans.

Toxicity Data:

This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document

Acute Toxicity:

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability:

Environmental Stability:

The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are available but are not presented in this MSDS.

Effects on Plants & Animals:

There is no specific data available for this product.

Effects on Aquatic Life:

There is no specific data available for this product. Releases of large volumes may be harmful or fatal to overexposed aquatic life. Aquatic toxicity data for components of this product are available, but are not presented in this MSDS



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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all federal, provincial, and/or local regulations.

Waste Disposal:

Dispose in accordance with local, state and Federal hazardous waste laws.

Special Considerations:

U.S. EPA Characteristic Waste: D001 (ignitability)

SECTION 14: TRANSPORT INFORMATION

The basic description (proper shipping name, hazard class & division, ID Number, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR

SECTION 15: REGULATORY INFORMATION

Toxic Substance Control Act (TSCA):

All components of this product are listed in the TSCA Inventory or are exempt.

WHMIS Classification:

B2

US EPA Tier II Hazards:

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No



SECTION 15: REGULATORY INFORMATION

EPCRA 311/312 Chemicals and RQs:

No chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

No chemicals at levels which require reporting under this statute

EPCRA 313 Toxic Chemicals: Isopropyl Alcohol

Proposition 65 - Carcinogens (>0.0%):

No chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

No chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

No chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

No chemicals at levels which require reporting under this statute.

N.J. RTK Substances (>1%):

Ethanol

Isopropyl Alcohol

Penn RTK Substances (>1%):

Ethanol

Isopropyl Alcohol

Other Federal Requirements:

This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).

Other Canadian Regulations

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. Class B2 Flammable Liquid.

State Regulatory Information:

Ingredients in this mixture are found on the following state criteria lists:

California OSHA Hazardous Substances List	Isopropyl Alcohol
Delaware Air Quality Management List	Isopropyl Alcohol
Massachusetts Hazardous Substances List	Isopropyl Alcohol
Minnesota Hazardous Substances List	Isopropyl Alcohol
New York List of Hazardous Substances	Isopropyl Alcohol
Pennsylvania Hazardous Substances List	Isopropyl Alcohol
Washington Permissible Exposure Limits for Air Contaminants	Isopropyl Alcohol
Wisconsin Hazardous Substances List	Isopropyl Alcohol

67/548/EEC (European Union) Requirements

The primary component of this product is listed in Annex I of EU Directive 67/548/EEC:

Isopropyl Alcohol Flammable (F). R: 11-36-66-67 - Highly flammable. Irritating to eyes.

Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. S: 9-16-23-33 - Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. Do not breathe gas, fumes, vapor or spray. Take precautionary measures against static discharges.



SECTION 16: OTHER INFORMATION

Other Information:

Keep out of reach of children. Do not take internally. Store in a cool, dry place. Keep away from heat and open flame.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

Disclaimer:

The contents of this MSDS are believed to be correct but do not purport to be all-inclusive and should only be used as a guide. Millenia Productions Inc. disclaims any express or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental or consequential damages resulting from the reliance on the above information.

NFPA Rating

NFPA Health Hazard: 1

NFPA Fire Hazard: 3

NFPA Reactivity Hazard: 0



HMIS II Rating

HMIS II Health Hazard: 1

HMIS II Fire Hazard: 3

HMIS II Reactivity Hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.