

Safety Data Sheet

WearMax Hand Sanitizer
Germ Shark PX4 Liquid Hand Sanitizer 80% Alcohol

Date: May 29, 2020

Version: 1

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1. Identification of the substance or mixture and of the supplier

Product Number(s)	S001, FV-GS-PX4LHS1G
Product Name(s)	WearMax Hand Sanitizer Germ Shark PX4 Liquid Hand Sanitizer 80% Alcohol
Chemical Family	Solution of ethyl alcohol (ethanol)
Recommended use	Hand sanitizer.
Restrictions on use	Use only as directed.
Supplier	Trustor Coatings, LLP
Address	840 S 62 nd Avenue Wausau WI 54401
Contact Number	715 849-2989
24 Hour Emergency Phone	Infotrac (800) 535-5053 International (352) 323-3500 (collect)

2. Hazards identification

GHS Classification	Flammable liquid - 2 Eye irritation - 2
Symbols	Flame, Exclamation mark
Signal Words	Danger.
Hazard Statements	H225 - Highly flammable liquid and vapor. H319 - Causes serious eye irritation.
Precautionary Statements	
Prevention	P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340+P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If EYE IRRITATION PERSISTS: Get medical advice/attention. P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide, or dry chemical to extinguish.
Storage	P235 - Keep cool. P403 - Store in a well-ventilated place.
Disposal	P501 - Dispose of contents/container in accordance with local and national regulations.
Supplemental Information	

3. Composition/information on ingredients

Hazardous Components	CAS #	Weight %
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ethyl alcohol (ethanol)	64-17-5	80
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4. First aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
Eye Contact	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.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
Ingestion	Call a physician or poison control center immediately. Dilute by giving 1 to 2 glasses of water or milk. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Advice to physician	Treat symptomatically.

5. Fire-fighting measures

Extinguishing Media	SUITABLE: Alcohol resistant foam, CO ₂ , dry chemical. UNSUITABLE: Water is unsuitable.
Special Protective Equipment for Firefighters	Wear self-contained breathing apparatus for firefighting.
Specific hazards and combustion products	Keep containers in proximity of fire cool with water spray. Decomposition products may include oxides of carbon, and smoke.

6. Accidental release measures

Steps to be taken if material is released or spilled	Evacuate personnel to safe areas. Remove all sources of ignition. Use appropriate personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Dike and collect spillages with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Do not let product enter drains. Discharge to the environment must be avoided. Report spills to appropriate agencies if required by law.
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7. Handling and storage

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition. No smoking. Take measures to prevent the build-up of electrostatic charge such as grounding lines and equipment used during transfer.
Storage	Keep containers tightly closed. Store at ambient temperatures. Keep away from any ignitions sources. Outside storage is preferable. Keep separate from oxidizers.

8. Exposure controls/personal protection

Exposure limits	ethyl alcohol (64-17-5) OSHA PEL 1000 ppm TWA
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ACGIH TLV 1000 ppm TWA

Engineering measures	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 below applicable exposure limits, suitable respiration protection must be worn. Exposure limits should be monitored using suitable analytical equipment.
Respiratory protection	In situations where exposure limits are exceeded, NIOSH approved respiratory protection with organic vapor cartridges should be used for short term exposure. Self contained breathing apparatus should be used where exposure limits may be exceed for extended durations.
Hand protection	Avoid skin contact. Impervious gloves should be worn for direct contact. Additional protection may be necessary to avoid skin contact including use of long sleeves, apron, face shield, boots, or full body protection.
Eye protection	Safety eye wear designed to protect against splash of liquids. Eye wash stations should be available where eye contact may occur.
Skin protection	Work clothes and closed footwear. Affected parts of the body should be washed with soap and water and rinsed thoroughly after contact.
Other protection	Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.

9. Physical and chemical properties

Appearance	Clear, colorless liquid.
Odor	None or slight grain-like odor.
Odor threshold	Not determined.
PH	5.0 - 9.0
Melting/Freezing point	Not determined.
Initial boiling point and range	≥ 173 F (≥ 78 C)
Flash point	≥ 60 F (≥ 15 C)
Evaporation Rate	Not determined.
Flammability (solid, gas)	Flammable liquid.
Lower explosive limit	Not determined.
Upper explosive limit	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	0.835
Solubility	Miscible with water in any proportion. Also miscible with many solvents
Partition coefficient	Not determined.
Auto-ignition temperature	> 680 F (> 360 C)
Decomposition temperature	Not determined.
Viscosity	Not determined.

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10. Stability and reactivity

Reactivity	No specific hazards.
Stability	Stable under normal conditions.
Possible hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Keep away from heat, static discharges, sparks, flames and other ignition sources.
Incompatible materials	Strong oxidizing agents,.
Hazardous decomposition products	Decomposition products may include oxides of carbon, and smoke.

11. Toxicological information

The preparation has not been tested for toxicological effects. Based on known effects of the component materials, the product is classified for human health effects as indicated below.

Likely routes of exposure	Skin, eye, inhalation, ingestion.
Eye contact	May cause eye irritation or damage.
Skin contact	May cause skin irritation with repeated or prolonged contact. Repeated skin contact may cause an allergic reaction in a very small proportion of individuals.
Inhalation	May have intoxicating effects if inhaled continuously over an extended period of time. (See Section 7 for exposure limits.) May cause respiratory tract irritation. May cause Central Nervous System (CNS) depression.
Ingestion	May be harmful if swallowed. Large doses can lead to alcohol poisoning. The presence of denaturants significantly increases toxicity. Can cause irritation of the mucous membranes. Readily absorbed by the stomach and intestinal tract with symptoms including, but not limited to, nausea, vomiting, dizziness, headaches, drowsiness, loss of consciousness, delirium, excitation, euphoria, and other harmful CNS effects. Severe acute intoxication may cause hypoglycemia, hypothermia, and extensor rigidity.
Target organ effects	Central nervous system effects.
Chronic effects	May cause skin irritation or allergic reaction in a small proportion of people with chronic exposure. Chronic effects associated with ethyl alcoholic beverage consumption are not relevant as a hand sanitizer.
Medical conditions aggravated by exposure	None known.
Acute toxicity values	The product has not been tested. Acute toxicity estimates (ATEs) for the active component are below. Ethyl Alcohol Oral LD-50: 7,060 mg/kg (literature) Dermal LD-10: 20,000 mg/kg (literature) Inhalation LC-50: 66,000 mg/l (literature 4 hour exposure)
Carcinogenicity status	None of the components of this product present at or above 0.1% concentration are listed as carcinogens, potential or suspected, by the NTP, IARC, or OSHA.

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12. Ecological information

Eco-toxicity	The product has not been tested. Not classified for aquatic toxicity based on component data.
Persistence and degradability	Readily biodegradable. Ethyl alcohol is widely recognized as being readily biodegradable in the environment as it is both a metabolite and nutrient for microbes.
Bioaccumulative potential	Not expected to bioaccumulate.
Mobility in soil	Not determined.
Other adverse effects	None known.

13. Disposal considerations

Dispose of material in accordance with federal, state and local regulations. Do not allow into drains or watercourses.

14. Transport information

DOT description	UN1170, Ethanol Solutions, 3, PG II
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15. Regulatory information

Toxic Substances Control Act (TSCA)	All components of this product are included on or exempt from the TSCA inventory.
SARA Title III Section 302	The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.
SARA Title III Section 313	The components in this product are either not SARA Section 312 regulated or regulated but present in negligible concentrations.
California Proposition 65 Reproductive Toxins	None of the ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards.

16. Other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of the suitability of this information to ensure proper use and to protect the health and safety of employees. The information in this SDS is meant as a description of the safety requirements of our product; it is not to be considered as a guarantee of the properties of the product. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Trustor Coatings, LLP believes the statements, technical information and recommendations contained herein are reliable. They are given without warranty or guarantee of any kind, expressed or implied.

DATE REVISED: May 29, 2020

PREPARED BY: Eric Anderson