

Safety Data Sheet HAND SANITIZER

Section 1 – Product and Company Information

Product Identifiers

Name SurfacePrep Hand Sanitizer
 Number
 Brand Surface Prep Company
 Product Use Hand Sanitizer – Spray Style
Supplier
 Name Surface Prep Division AFT
 Address 835 West River Center, Comstock Park, MI 49321
www.SurfacePrep.com
 Telephone (616) 785-0400 - (616) 785-0200 Fax
Emergency Phone (800) 424-9300 CHEMTREC - Poison Control 1-800-222-1222
 Prepared/Revised March 30, 2020

Section 2 – Hazards Identification

Classification of the substance or mixture.

Physical Hazards: Flammable Liquids (Category 2)
 Hazards: Skin Corrosion / Irritation (Category 3)
 Eye Damage / Irritation (Category 2A)
 Specific Target Organ Toxicity (Single Exposure) (Category 3)

Environment: Chronic Aquatic Toxicity (Category 2),

GHS label elements and precautionary statements.

Pictogram Flame - Health - Exclamation Mark - Environment

Signal word

DANGER

Prevention

Keep away from heat, sparks, open flames and hot surfaces. No smoking.
 Avoid breathing dust/gas/fume/mist/vapors/spray.
 Wash skin thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Avoid release to the environment.

Response

Wear protective gloves/protective clothing/eye protection/face protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



Immediately call a POISON CENTER/doctor/ Seek immediate medical attention if you feel unwell

If skin irritation persists: Get medical advice/ attention.

If eye irritation persists: Get medical advice/ attention.

In case of fire: Use dry chemical, foam or water fog to extinguish. Do not use direct water stream.

Collect spillage.

Storage

Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.

Disposal

Dispose of contents/container in accordance with applicable regulations

Hazards not otherwise classified not covered by GHS - None

Supplemental Information. See Section 16 for alphanumeric H-Statements and P-Statements.

Section 3 – Composition/Information on Ingredients

Component	CAS Number	%Wt.
Isopropyl Alcohol	67-63-0	75
Glycerol	56-81-5	<2
Hydrogen Peroxide	7722-84-1	<0.2
Water	7732-18-5	<20

Section 4 – First Aid Measures

Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed: See Sections 2 and 11.

Indication of any immediate medical attention and special treatment needed: None known.

Poison Control: 1-800-222-1222

Section 5 – Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: May form toxic vapor/air mixtures.

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: If employees are expected to fight fires, they must be trained and equipped as stated in the OSHA Fire Brigades Standard (29 CFR 1910.156).

Section 6 – Accidental Release Measures

Emergency Actions: Use personal protective equipment. Avoid breathing aerosols, mist or gas. Ensure adequate ventilation. Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Vacuum large spills. Dispose of as hazardous waste. Keep in suitable, closed containers for disposal. If employees are required to clean-up spills, they must be properly trained and equipped. The OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120) may apply.

Reference to other sections: For personal protection see Section 8. For disposal see Section 13.

Section 7 – Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Storage: Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place.

Specific end uses: See Section 1.

Section 8 – Exposure Control and Personal Protection

Control parameters

Components with workplace control parameters:

Isopropyl Alcohol (67-63-0): 200 ppm 492 mg/m³ TLV ACGIH 400 ppm 984 mg/m³ STEL ACGIH 400 ppm 980 mg/m³ PEL OSHA 400 ppm 980 mg/m³ REL NIOSH 500 ppm 1225 mg/m³ STEL NIOSH

Glycerol (56-81-5): TWA 5 mg/m³ USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants PEL 10 mg/m³ California permissible exposure limits for chemical contaminants (Title 8, Article 107) PEL 5 mg/m³ California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Hydrogen peroxide (7722-84-1): TWA 1 ppm 1.4 mg/m³ USA. NIOSH Recommended Exposure Limits TWA 1 ppm 1.4 mg/m³ USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants The value in mg/m³ is approximate. PEL 1 ppm 1.4 mg/m³ California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Engineering Controls: Not normally needed except if product use creates aerosols or mists requiring adequate ventilation respiratory protection describe below. The use of local exhaust ventilation is recommended to control emissions near the source. Provide appropriate ventilation of confined spaces. Use explosion-proof ventilation equipment.

Eye and Face: Dust can cause eye and, or skin irritation. Wear safety glasses.

Skin: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Use impervious Nitrile rubber gloves to avoid cuts and skin injuries.

Respiratory Protection: Wear an appropriate respirator in accordance with 29CFR 1910.134 or CSA Standard Z94.4-M1982 for dust exposure that may exceed recommended limits. Personal air monitoring is recommended to determine whether exposure exceeds limits. If adequate ventilation is not possible, then a self-contained breathing apparatus or an air supplied respirator is recommended. Respiratory Protection using a NIOSH approved dust mask is recommended where dust creation is likely. Respirators should only be used if the employer has implemented a written program that considers workplace conditions, requirements for worker training, respirator fit testing, and medical exams, as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

General: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Control of environmental exposure: Do not let product enter drains.

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance (physical state, color, etc.)	Clear, colorless liquid.
Odor	Alcohol-like.
Odor threshold	Not Available
pH Neutral Melting point/freezing point	-29°C (-20°F)
Initial boiling point and boiling range	82.5°C (180.5°F) (Isopropanol)
Flash point	CLOSED CUP: 18.3°C (64.9°F)
Evaporation	Rate Not Available
Flammability (solid, gas)	Flammable
Flammability or explosive limit	LOWER: 2% UPPER: 12.7% (Isopropanol)
Vapor pressure	Not Available
Vapor density	Not Available
Density	0.8411 (Water = 1)
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.
Partition coefficient:	n-octanol/water Not Available
Auto-ignition temperature	399°C (750.2°F) (Isopropanol)
Decomposition temperature	Not Available

Note: Physical Data is typical values based on material tested but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

Section 10 – Stability and Reactivity

Reactivity: Does not react under normal conditions of use.

Chemical Stability: Stable under normal conditions of use.

Possibility of hazardous reactions: Vapors may form explosive mixture with air.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: Alkali metals, Ammonia, Oxidizing agents, Peroxides Strong oxidizing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products: In the event of fire: see section 5.

Section 11 – Toxicity Information

Information on Toxicological Effects;

Acute toxicity – Inhalation – Dermal - Skin corrosion/irritation - Respiratory or skin sensitization - Germ cell mutagenicity - Reproductive toxicity - Specific target organ toxicity - single exposure
Specific target organ toxicity - repeated exposure - Aspiration hazard – No Data Available
Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Additional Information

RTECS: KQ6300000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 – Ecological Information

Ecotoxicity:

2.1 Toxicity 12.2 Persistence and degradability - 12.3 Bioaccumulative potential - 12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects - No data available

Section 13 – Disposal Consideration

Product: Contact a licensed professional waste disposal service to dispose of this material. Product Offer surplus and non-recyclable solutions to a licensed disposal company. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging: Dispose of as unused product.

Section 14 – Transport Information

US DOT	UN1219, Isopropanol, 3, PG II
TDG	UN1219, ISOPROPANOL, 3, PG II
IMDG	UN1219, ISOPROPANOL, 3, PG II
Marine Pollutant	No
IATA/ICAO	UN1219, Isopropanol, 3, PG II

Section 15 – Regulatory Information

TSCA Inventory Status All ingredients are listed on the TSCA inventory.
DSCL (EEC) All ingredients are listed on the DSCL inventory.
SARA 302 Not Listed
SARA 304 Not listed
SARA 311 Fire Hazard, Acute Health Hazard, Chronic Health Hazard
SARA 312 Fire Hazard, Acute Health Hazard, Chronic Health Hazard
SARA 313 Listed: Isopropyl Alcohol
States: PA RTK: IPA – Water - **California Proposition 65** Not Listed
WHMIS Canada Class B-2: Flammable and combustible liquid- Flammable liquid
Class D-2B: Poisonous and infectious material- Other effects- Toxic

Section 16 – Other Information

Alphanumeric H-Statements and P-Statements.

H225 Highly flammable liquid and vapor.
H316 Causes mild skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P261: Avoid breathing dust/gas/fume/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304-P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Immediately call a POISON CENTER/doctor/ Seek immediate medical attention if you feel unwell
P332 + P313 If skin irritation persists: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370+P378 in case of fire: Use dry chemical, foam or water fog to extinguish. Do not use direct water stream.
P391 Collect spillage.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions. It does not