



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 16-May-2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CLEAN XPRESS ALCOHOL GEL INSTANT SKIN SANITIZER
Product Number: 3120
Recommended Use: Hand Sanitizer
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquids Category 2

GHS Label Elements

Signal Word:

Danger

Symbols:



Hazard Statements:

Highly flammable liquid and vapor

Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground container and receiving equipment.
Use explosion-proof electrical equipment.
Use only non-sparking tools
Take precautionary measures against static discharge

Response:

-Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

-Specific Treatment:

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Fire:

In case of fire: Use CO2, dry chemical, or foam for extinction

Storage:

Store in a well-ventilated place. Keep cool

Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- May be harmful if swallowed.
- May cause eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
ethanol	64-17-5	40-70
water	7732-18-5	15-40

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-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 attention.

-Skin Contact: Take off contaminated clothing. Wash with soap and water. If skin irritation occurs: Get medical attention.

-Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

-Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Note to Physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray (fog), Carbon dioxide, Foam

Specific Hazards Arising from the Chemical: flammable. May be ignited by heat, sparks or flames.

Hazardous Combustion Products: May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters: Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions: Do not rinse spill onto the ground, into storm sewers or bodies of water.

Methods for Clean-Up: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling: Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep out of the reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³

Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
Personal Protective Equipment	
Eye/Face Protection:	Not required with expected use.
Skin and Body Protection:	Not required with expected use.
Respiratory Protection:	Not required with expected use.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Paste/Gel Liquid
Color:	Colorless
Odor:	Alcohol
pH:	7.0-8.0
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	74 °C / 165 °F
Flash Point:	21 °C / 70 °F ASTM D56
Evaporation Rate:	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	No information available.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Specific Gravity:	0.88
Solubility(ies):	Soluble in water
Partition Coefficient:	No information available.
Autoignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Heat, flames and sparks.
Incompatible Materials:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain and redness.
-Skin Contact:	None expected.
-Inhalation:	None expected.
-Ingestion:	Pain, nausea, vomiting and diarrhea. May cause drowsiness or dizziness. May cause central nervous system depression.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 7319 mg/kg
 ATEmix (inhalation-dust/mist): 129.3 mg/l

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
ethanol 64-17-5	= 7060 mg/kg (Rat)	Not Available	= 124.7 mg/L (Rat) 4 h
water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
ethanol 64-17-5	Not Available	12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through	Not Available	9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:**UN/ID No:**

UN1993

Proper Shipping Name:

Flammable liquids,n.o.s., (contains ethyl alcohol)

Hazard Class:

3

Packing Group:

II

Special Provisions:

Class 3, Packing Group II materials meet the exception requirements of section 49 CFR 173.150 when individual containers of not more than 0.3 gallons (1 liter) are packed in a strong outer packaging and ground transportation is utilized. Such containers may be reclassified as "Limited Quantity".
 Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard:

Yes

Chronic Health Hazard:

No

Fire Hazard:	Yes
Sudden release of pressure hazard:	No
Reactive Hazard:	No

California Proposition 65

This product does not contain any Proposition 65 chemicals

Chemical Name	California Proposition 65
ethanol - 64-17-5	Carcinogen Developmental

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

These chemicals are not added intentionally to the product. They are impurities present at concentrations below 0.01%.

16. OTHER INFORMATION

NFPA	Health Hazards: 1	Flammability: 3	Instability: 0	Special: N/A
HMIS	Health Hazards: 1	Flammability: 3	Physical Hazards: 0	

Revision Date: 16-May-2015
Reasons for Revision: No information available.

Disclaimer:

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet