



# Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

## Section 1: Product and Company Identification

Product Name: CHEM STAR 75% ALCOHOL WIPES  
Manufacturer: TECHNIWELD USA  
Physical Address: 6205 BOAT ROCK BLVD  
ATLANTA, GA 30336  
Mailing Address: P.O. Box 44226  
ATLANTA, GA 30336  
Business Phone: 404-699-9900  
Business Fax: 404-699-7800  
E-mail Address: info@TECHNIWELDUSA.COM  
Web Address: www.TECHNIWELDUSA.COM  
Emergency Phone: CHEMTREC (24-Hour) 1-800-424-9300  
Outside of the USA & Canada 1-703-527-3887  
Date of Preparation: JULY 23, 2020  
OSHA Regulatory Status: Non-Regulated  
WHMIS Classification: Not a Controlled Product

*This product is likely to be classified as out of scope of a SDS as set out in 29 CFR Part 1910.1200. This SDS is generated for your reference only.*

## Section 2: Hazards Identification

### Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)



GHS02 Flame

Flam. Sol. 1 H228 Flammable solid.

### Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.

Label elements

Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard pictograms



GHS02

**Signal word:** Danger

### Hazard statements

H228 Flammable solid.

75% ALCOHOL WIPES

REVISED 9/10/20

### Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.

**Hazards not otherwise classified (HNOC):** No further relevant information available.

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## Section 3: Composition and Information on Ingredients

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**Chemical characterization:** Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions. For the wording of the listed hazard statements refer to Section 16.

### Composition

64-17-5	Ethanol	Flam. Liq. 2, H225	52.2%
	Nonwoven		24%
7732-18-5	Water		23.5%
8001-97-6	Aloe		0.15%
84603-62-3	Honeysuckle, Lonicera caprifolium, ext.	Flam. Liq. 4, H227	0.15%

*Note: The chemical solution in which the wipes are soaked is 75% ethyl alcohol by volume.*

*The chart above, however, shows the percentage of total weight of the product, inclusive of the cloth wipe itself.*

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## Section 4: First Aid Measures

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### Description of first aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

### Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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## Section 5: Fire Fighting Measures

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**Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

**Special hazards arising from the substance or mixture:** No further relevant information available.

### Special protective equipment and precautions for firefighters

**Protective equipment:** No special measures required.

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## Section 6: Accidental Release Measures

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### Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:** Ensure adequate ventilation.

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## Section 7: Handling and Storage

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**Precautions for safe handling:** For the general occupational hygienic measures refer to Section 8.

**Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

**Conditions for safe storage, including any incompatibilities**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

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## Section 8: Exposure Controls / Personal Protection

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**Components with limit values that require monitoring at the workplace:**

**64-17-5 ethanol (52.2%)**

PEL (USA)	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m <sup>3</sup> , 1000 ppm

**Regulatory information**

PEL (USA): Guide to Occupational Exposure Values (OSHA PELs)

REL (USA): Guide to Occupational Exposure Values (NIOSH RELs)

TLV (USA): Guide to Occupational Exposure Values (ACGIH)

**Additional information:** The lists that were valid during the creation were used as basis.

**Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.**

**Appropriate engineering controls:**

Wash hands before breaks and at the end of work.

See Section 7 for information about design of technical facilities.

**Personal protective equipment:**

**Breathing equipment:** Not required.

**Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Not required

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## Section 9: Physical and Chemical Properties

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- **General Information**
- **Appearance:**
  - **Form:** Solid
  - **Color:** Colourless

- **Odor:** Alcohol odor
- **Odor threshold:** Not available
  
- **pH-value:** Not available
- **Change in condition**
  - **Melting point/Freezing point:** Not available
  - **Initial boiling point and boiling range:** Not available
- **Flash point:** Not available
- **Flammability (solid, gaseous):** Not available
- **Auto-ignition temperature:** Not available
- **Decomposition temperature:** Not available
- **Explosion limits:**
  - **Lower:** Not available
  - **Upper:** Not available
- **Vapor pressure:** Not available
- **Density:** Not available
- **Relative density:** Not available
- **Vapor density:** Not available
- **Evaporation rate:** Not available
- **Solubility in / Miscibility with Water:** Not available
- **Partition coefficient (n-octanol/water):** Not available
- **Viscosity:**
  - **Dynamic:** Not available
  - **Kinematic:** Not available
- **Other information:** No further relevant information available.

## Section 10: Stability and Reactivity

- **Reactivity:** Data not available
- **Chemical stability:** Data not available
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## Section 11: Toxicological Information

- **Acute toxicity:**
  - **LD/LC50 values that are relevant for classification:**  
**64-17-5 ethanol**  
Oral: LD50 - 7,060 mg/kg (rat)  
Inhalative: LC50/4 h - 20,000 mg/l (rat)
- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitization:** Sensitization possible.
- **Additional toxicological information:**
  - **Carcinogenic categories:**
    - **IARC (International Agency for Research on Cancer):** None of the ingredients is listed.
    - **NTP (National Toxicology Program):** None of the ingredients is listed.
    - **OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.

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## Section 12: Ecological Information

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- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects** No further relevant information available.

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## Section 13: Disposal Considerations



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- **Waste treatment methods**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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## Section 14: Transportation Information

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· UN-Number	
· DOT, IMDG, IATA	UN3175
· UN proper shipping name	
· DOT	Solids containing flammable liquid, n.o.s. (Ethanol)
· IMDG	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL))
· IATA	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)
· Transport hazard class(es)	
· DOT	
	
· Class	4.1 Flammable solids, self-reactive substances and solid desensitised explosives
· Label	4.1
· IMDG, IATA	
	
· Class	4.1 Flammable solids, self-reactive substances and solid desensitised explosives
· Label	4.1
· Packing group	
· DOT, IMDG, IATA	II
· Environmental hazards:	Not applicable

· <b>Special precautions for user</b>	Warning: Flammable solids, self-reactive substances and solid desensitised explosives
· <b>EMS Number:</b>	F-A,S-I
· <b>Stowage Category</b>	B
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
· <b>Transport/Additional information:</b>	
· <b>DOT</b>	
· <b>Quantity limitations</b>	On passenger aircraft/rail: 15 kg On cargo aircraft only: 50 kg
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1 kg
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 500 g
· <b>UN "Model Regulation":</b>	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL)), 4.1, II

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## Section 15: Regulatory Information

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- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Section 355 (extremely hazardous substances):** None of the ingredients is listed.
  - **Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.
  - **TSCA (Toxic Substances Control Act):**
    - 64-17-5 - Ethanol - ACTIVE
    - 7732-18-5 - Water - ACTIVE
- **Proposition 65**
  - **Chemicals known to cause cancer:** None of the ingredients is listed.
  - **Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.
  - **Chemicals known to cause reproductive toxicity for males:** None of the ingredients is listed.
  - **Chemicals known to cause developmental toxicity:**
    - 64-17-5 Ethanol
  - **New Jersey Right-to-Know List:**
    - 64-17-5 Ethanol
  - **New Jersey Special Hazardous Substance List:**
    - 64-17-5 Ethanol - CA, MU, TE, F3
  - **Pennsylvania Right-to-Know List:**
    - 64-17-5 Ethanol
  - **Pennsylvania Special Hazardous Substance List:** None of the ingredients is listed.
- **Carcinogenicity categories**
  - **EPA (Environmental Protection Agency):** None of the ingredients is listed.
  - **TLV (Threshold Limit Value established by ACGIH):**
    - 64-17-5 Ethanol - A3
  - **NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.

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## Section 16: Other Information

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### Relevant hazard statements

H225 Highly flammable liquid and vapor. H227

Combustible liquid.

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The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

### DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

### Remark:

\* This sample is likely to be classified as article product and is out of scope of a SDS as set out in 29 CFR Part 1910.1200. This SDS is generated for client's reference only.

· **Date of preparation / last revision** 07/23/2020 / -

### · Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS:  
European Inventory of Existing Commercial Chemical Substances ELINCS:  
European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health

Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 4: Flammable liquids – Category 4  
Flam. Sol. 1: Flammable solids – Category 1