



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	SP330401	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SANTIZALL	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Surface Wet Wipe	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:	SIGNAL WORD: DANGER	SYMBOL:		
----------------------------	-------------------------------	----------------	---	---

HAZARD STATEMENTS:

H225: Flammable solids.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

HAZARDS NOT OTHERWISE SPECIFIED:

Contains Ethanol.

ADDITIONAL INFORMATION:

Other Hazards: None known.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
EthylAlcohol(Ethanol)	64-17-5	75%
Water	7732-8-5	24.2%
Cetylpyridiniumchloride	128-03-5	0.4%
Glycerin	56-81-5	0.1%
Polysorbate	9005-64-5	0.1%
Caprylhydroxamic acid	7377-03-9	0.1%
Citric acid	5949-29-1	0.1%

4. First Aid Measures

EMERGENCY OVERVIEW:

EYES: IF IN EYE: Rinse with plenty of water.

SKIN: IF ON SKIN: Rinse with plenty of water.

INHALATION:

IF INHALED: Obtain medical attention for symptoms of difficulty of breathing.

INGESTION:

IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

See section 11 for more detailed information on health effects and symptoms.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

In the event of fire, use specifically suitable extinguishing agents appropriate for the surrounding fire.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

High volume water jet.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Keep away from heat and source of ignition.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials:

Carbon oxides
Nitrogen oxides
Sulphur oxides
Oxides of phosphorus

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Use personal protective equipment.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Advice for Non-emergency Personnel:

Remove all sources of ignition. Ensure cleanup is conducted by trained personnel. Refer to protective measures listed in section 7 & 8.

Advice for Emergency Responders:

If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials.

ENVIRONMENTAL PRECAUTIONS:

Do not allow contact with soil, surface or ground water.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Eliminate all ignition sources if safe to do so. Stop any leak if safe to do so. Contain spillage and then collect with non-combustible absorbent material and place in container for disposal according to local / national regulation (see Section 13).

REFERENCE TO OTHER SECTIONS

See Section 1 for emergency contact information.

For personal protection see Section 8

See Section 13 for additional waste treatment information.

7. Handling and Storage

SAFE HANDLING:

Use only with adequate ventilation. Wash hands thoroughly after use.

HYGIENE MEASURES:

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

SAFE STORAGE AND INCOMPATIBILITIES:

Requirements for storage areas and containers: Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage Temperature: -10°C to 40°C

Specific use(s): Wet wipe. Manual process for cleaning.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

CAS-No.	Components	Value Type	Control Parameters
64-17-5	Ethanol	TWA	1000ppm

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: No special protective equipment required.

Skin Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Thermal Hazards: No special protective equipment required.

APPROPRIATE ENGINEERING CONTROLS:

Good ventilation should be sufficient to control worker exposure to airborne contamination.

ENVIRONMENTAL EXPOSURE CONTROLS:

Consider the provision of contamination around the storage vessels.

9. Physical & Chemical Properties

Appearance:	Wet Nonwoven wipe material.	Relative Density:	0.86+/-0.01g/cm ³
Color:	White.	Flammability Limit-lower (%):	No data available.
Odor:	Alcoholic odor.	Flammability Limit-upper (%):	No data available.
Odor Threshold:	No data available.	Explosive Limit-Lower (%):	No data available.
pH:	4 -7.5	Explosive Limit-Upper (%):	No data available.
Melting/Freezing Point:	-20°C	Vapor Density:	No data available.
Initial Boiling Point/Range:	79.5°C	Vapor Pressure:	No data available.
Viscosity:	2.41 mPa.s (Dynamic viscosity determined at 20°C.)	Flammability(solid/gas):	The mix is considered to be easily flammable under. Directive 2001/59/EC.
Flash Point:	23°C (Abel closed cup method)	Solubility (water):	No data available.
Evaporation Rate:	No data available.	Auto-Ignition Temp:	No data available.
Explosive Properties:	No data available.	Decomposition Temp:	No data available.
Oxidizing Properties:	No data available.	Partition Coeff(n-octanol/water):	No data available.

10. Stability & Reactivity Information

REACTIVITY:

No dangerous reaction known under conditions of normal use.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reaction known under conditions of normal use.

CONDITIONS TO AVOID:

Extreme heat, flames and spark.

INCOMPATIBLE MATERIALS:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials:

Carbon oxides
Nitrogen oxides
Sulphur oxides
Oxides of phosphorus

11. Toxicological Information

PRIMARY ROUTE OF ENTRY: Eye contact and skin contact.

Eyes: There is no data available for this product.

Skin: There is no data available for this product.

Inhalation: There is no data available for this product.

Ingestion: There is no data available for this product.

SKIN CORROSION/IRRITATION:

There is no data available for this product.

SERIOUS EYE DAMAGE/EYE IRRITATION:

There is no data available for this product.

RESPIRATORY SENSITIZATION:

There is no data available for this product.

SKIN SENSITIZATION:

There is no data available for this product.

GERM CELL MUTAGENICITY:

There is no data available for this product.

CARCINOGENICITY:

There is no data available for this product.

REPRODUCTIVE TOXICITY:

There is no data available for this product.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:

There is no data available for this product.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

There is no data available for this product.

ASPIRATION HAZARD:

There is no data available for this product.

12. Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

RESULT OF PBT AND VPVB ASSESSMENT:

This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (VPVB) at levels of 0.1% or higher.

OTHER ADVERSE EFFECTS:

No data available.

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulation.

ADDITIONAL INFORMATION:

None known.

14. Transportation Information

This product is classified as dangerous goods for transport in regards to the transport regulations.

LAND TRANSPORT(ADR/AND/RID):

UN Number: UN3175

UN Proper Shipping Name: "Solids containing flammable liquid", n.o.s (Ethanol)

Transport Hazard Class(es):

Class: 4.1

Packing Group: II

Environmental Hazards: No.

Special Precautions for User: Not applicable.

SEA TRANSPORT (IMDG/IMO):

UN Number: UN3175

UN Proper Shipping Name: "Solids containing flammable liquid", n.o.s (Ethanol)

Transport Hazard Class(es):

Class: 4.1

Packing Group: II

Environmental Hazards: No.

Special Precautions for User: Not applicable.

AIR TRANSPORT (IATA):

UN Number: UN3175

UN Proper Shipping Name: "Solids containing flammable liquid", n.o.s (Ethanol)

Transport Hazard Class(es):

Class: 4.1

Packing Group: II

Environmental Hazards: No.

Special Precautions for User: Not applicable.

15. Regulatory Information

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

According to DSD (67/548/EC), DPD (1999/45/EC) and CLP (1272/2008/EC) The product contains Ethanol and has the following hazard phrase associated with the product. H225: Highly flammable liquid and vapor.

CHEMICAL SAFETY ASSESSMENT:

This product contains substances for which chemical safety assessment is still required.

16. Other Information

FULL TEXT OF R-PHRASES:

- R11: Highly flammable.
- R20: Harmful by inhalation.
- R22: Harmful if swallowed.
- R36: Irritating to eyes.
- R41: Risk of serious damage to eyes.
- R52/53: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic.

FULL TEXT OF H-STATEMENTS:

- H225: Highly flammable liquid and vapor.
- H319: Causes serious eye irritation.
- H318: Causes serious damage.
- H332: Harmful if inhaled.
- H412: Harmful to aquatic life with long lasting effects.

FULL TEXT OF OTHER ABBREVIATIONS:

- ADR: European agreement concerning the international carriage of dangerous goods by Road.
- IMDG: International Maritime Dangerous Goods.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.
- RID: Regulations concerning the International carriage of Dangerous goods by rail.

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.