

SAFETY DATA SHEET

Issuing Date 18-May-2015

Revision Date 18-May-2015

Revision Number 000



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

DRYSOL 35cc	NDC 0096-0707-35
DRYSOL 37.5cc	NDC 0096-0707-37
DRYSOL 60cc	NDC 0096-0707-60

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Extra-strong antiperspirant to control excessive sweating of underarms, palms, and soles.

Uses advised against All other uses.

Details of the supplier of the safety data sheet

Supplier Name	Person & Covey, Inc.
Supplier Address	616 Allen Ave. Glendale CA 91221-5018 US
Supplier Phone Number	Phone: 800-423-2341 Fax: 818-547-9821
Supplier Email	pcmail@personandcovey.com

For non-emergency information contact: 1-800-423-2431

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
Flammable liquids	Category 2

GHS Label elements, including precautionary statements

Not a dangerous chemical according to GHS classification criteria. No known OSHA hazards.



Emergency Overview

Signal word	Danger		
Hazard Statements May cause an allergic skin reaction Highly flammable liquid and vapor			
			
Appearance	Clear	Physical State	Thin liquid
		Odor	Characteristic

Precautionary Statements - Prevention

For external use only

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

Skin

If skin irritation occurs: Get medical advice/attention.

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth

Precautionary Statements - Storage

Store at room temperature.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

92.3% of the mixture consists of ingredient(s) of unknown toxicity

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Aluminum Chloride, Hexahydrate USP	7784-13-6	15-25	*
SD Alcohol 40-2, Anhydrous	64-17-5	70-75	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice.

Skin Contact

None normally required. Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

Inhalation

Not an expected route of exposure. Remove to fresh air. If symptoms persist, call a physician.

Ingestion

Not an expected route of exposure. If large quantities of this material are swallowed, call a physician immediately.

Self-protection of the first aider

Use personal protective equipment as required. (see section 8).

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Vapors may travel to source of ignition and flood back.

Hazardous Combustion Products

Carbon Oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Remove all sources of ignition.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions

Environmental Precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.



7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACG1H TLV	OSHA PEL	N105H 10LH
Ethanol 64-17-5	STEL: 11000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1900 mg/m ³

Appropriate engineering controls

Engineering Measures Eyewash stations

Individual protection measures, such as personal protective equipment

Eye/Face Protection No special protective equipment required. Avoid contact with eyes.

Skin and Body Protection No special protective equipment required.

Respiratory Protection None required under normal conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odor	Characteristic
Appearance	Clear	Odor Threshold	No information available
Color	Clear		
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
pH	No data available	None known	



Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	0.921-0.930	Direct reading
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Information

Softening Point	No data available	None known
VOC Content (%)	No data available	None known
Particle Size	No data available	None known
Particle Size Distribution	No data available	None known

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	May cause irritation of respiratory tract.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	No known hazard in contact with skin.
Ingestion	Not an expected route of exposure. Maybe harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	=7060 mg/kg (Rat)	-	=124.7 mg/l (Rat) 4h

Information on toxicological effects

Symptoms No information available..

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredients listed as a carcinogen according to California Proposition 65 listing. The table below indicates whether each agency has listed any ingredient as a carcinogen. Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethanol	A3	Group 1	Known	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (Internal Agency for Research on Cancer)

Group 1 - carcinogenic to Humans

NTP: (National Toxicity Program)

Known: Known Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity	No known effect based on information supplied.
Target Organ Effects	Eyes and skin.
Aspiration Hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data at this time

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanol (64-17-5)		LC60 96 h 12.0 - 16.0 mL/L static (Oncorhynchus mykiss) LC50 96 h: > 100 mg/L static (Pimephales promelas) LC50 96 h: 13400 - 15100 mg/L flow-through (Pimephales promelas)	EC50 = 34634 mg/L 30 min EX50 = 35470 mg/L 5 min	LC50 48 h: 9268 - 14221 Mg/L (Daphnia magna) EC50 24h: = 10800 mg/L (Daphnia magna) EC50 48 h: = 2 mg/L Static (Daphnia magna)

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Chemical Name	Log Pow
Ethanol	-0.32

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

As local regulations may vary, all waste must be disposed/recycled/reclaimed in accordance with Federal, State, and Local environmental control regulations. This product contains one or more substances that are listed with the State of California as a hazardous waste.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name	Not regulated
Hazard Class	N/A



<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	
Proper Shipping Name	Not regulated
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

All of the components in the product are on the following inventory lists:

TSCA	This material is manufactured for use in personal care products and is regulated under the FOOD, DRUG, and COSMETICS ACT (FDA) and is therefore exempt from TSCA inventory testing requirements.
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

SARA 311/312 Hazard

Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations



California Proposition 65

This product contains the following Proposition 65 chemicals: Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS Number	California Prop. 65
Ethanol	64-17-5	Developmental

U.S. State Right-to-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ethanol	X	X	X		

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 3	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 1	Flammability 3	Physical Hazard 0	Personal Protection X

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Revision Date 18-May-2015
Revision Note N/A

This Safety Data Sheet complies with the Requirements of Regulations (EC) No. 1272/2008

Disclaimer

The information provided in this 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 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