



# SAFETY DATA SHEET

Issuing Date 23-Dec-2013

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Revision Number 0

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

### GHS product identifier

Product Name SCRUBS® Hand Sanitizer Wipes  
SCRUBS® Lemon Hand Sanitizer Wipes

### Other means of identification

Product Code(s) 90901, 90910, 90950, 90956, 90978, 90985  
92901, 92910, 92956, 92985, 92991

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Hand Sanitizing Towel

Uses advised against None reasonably foreseeable

### Supplier's details

#### Supplier Address

ITW Pro Brands  
805 E. Old 56 Highway  
Olathe, KS 66061  
TEL: 1-800-443-9536

### Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION


### Classification

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

Flammable liquids	Category 3
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### GHS Label elements, including precautionary statements

### Emergency Overview

<b>Signal Word</b> <b>Hazard Statements</b> • • Flammable liquid and vapor.	<b>Warning</b>	
		
<b>Appearance</b> Slight haze to colorless	<b>Physical State</b> Liquid.	<b>Odor</b> Lemon, Alcohol

**Precautionary Statements**

**Prevention**

- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- None

**Skin**

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

**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/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

Toxic to aquatic life.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade secret
Ethanol	64-17-5	10-30	*

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

**4. FIRST AID MEASURES**

**Description of necessary first-aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	None normally required. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Not an expected route of exposure. Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Not an expected route of exposure. If large quantities of this material are swallowed, call a physician immediately.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Not expected to give rise to an acute hazard under normal condition of use.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Vapors may travel to source of ignition and flash back.

**Hazardous Combustion Products** Nitrous oxide. Formaldehyde. Ammonia. Smoke, Fume, Incomplete combustion products, Oxides of carbon

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**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. High risk of slipping due to leakage/spillage of product. Remove all sources of ignition.

**Environmental Precautions**

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. See Section 12 for additional Ecological Information. Dispose of contents/container to an approved waste disposal plant.

**Methods and materials for containment and cleaning up**

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

**Methods for Cleaning Up** Small spillage: Wipe up with absorbent material (e.g. cloth, fleece). Large spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

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

**Storage** Keep container closed when not in use. Keep container tightly closed in a dry and well-ventilated place. Do not contaminate food or feed stuffs. Keep out of the reach of children. Keep away from heat and sources of ignition. Keep from freezing.

**Incompatible Products** Strong oxidizing agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

**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 usage. 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 practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Appearance</b>	Slight haze to colorless
<b>Odor</b>	Lemon, Alcohol	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	6.2	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	87.778 °C / 190 °F	None known
Flash Point	37.778 °C / 100 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	

Vapor Pressure	No data available	None known
Vapor Density	> 1 (air = 1)	None known
Relative Density	No data available	None known
Specific Gravity	0.970	None known
Water Solubility	Soluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known

**Flammable Properties** Not flammable

**Explosive Properties** No data available  
**Oxidizing Properties** No data available

**Other information**

**VOC Content (%)** 18.49%

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Ignitions sources - heat, sparks and open flames. Incompatible products.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Smoke. Soot. Nitrous oxide. Formaldehyde. Ammonia.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	No known hazard in contact with skin.
<b>Ingestion</b>	Not an expected route of exposure. May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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Ethanol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h
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**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** 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: (International 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.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

The following values are calculated based on chapter 3.1 of the GHS document:

**LD50 Oral** 35279 mg/kg; Acute toxicity estimate  
**Inhalation dust/mist** 623.1 mg/L; Acute toxicity estimate

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethanol 64-17-5		LC50 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 EC50 = 35470 mg/L 5 min	LC50 48 h: 9268 - 14221 mg/L (Daphnia magna) EC50 24 h: = 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 Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

Chemical Name	California Hazardous Waste
Ethanol	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**Note:** Although this product meets the definition of UN3175, it is exempt as a small sealed article or packet containing <10ml of fully absorbed liquid. USDOT SP 47, UN SP 216, IATA/ICAO SP A46, TDG SP 56.

**DOT** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies

**Legend**

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

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

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

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. 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-No	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		
White mineral oil	X	X	X		X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 1	Flammability 2	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 1	Flammability 2	Physical Hazard 0	Personal Protection X

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**General Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**