

SAFETY DATA SHEET

UPDATED: MAY 25, 2015

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PETRA HYGIENIC SYSTEMS

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PRODUCT NAME: HY-STEP SANITIZING FOOT SPRAY
PRODUCT CODE: MC FS700
SYNONYM: FOOT SPRAY SANITIZER

SECTION 2 – HAZARDS IDENTIFICATION

Physical State: Liquid
OSHA/HCS status: This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential health effects:

Eye contact: May cause slight eye irritation. Signs and symptoms include burning, tearing, redness and swelling.
Skin contact: Not expected to be irritating or sensitizing if used as directed. If irritation occurs following use or prolonged contact, it is expected to be mild and transient.
Inhalation: May cause mild, transient respiratory irritation. Avoid prolonged contact to concentrated vapors.
Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

(Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	%(Optional)
Specially Denatured Alcohol	400PPM	400PPM		30 > 40%
Lauryl Dimethyl Benzyl Ammonium Chloride	N/A	N/A		2 – 3%
Menthol	N/A	N/A		0.5 – 1%
Propylene Glycol	N/A	N/A		2 – 3%

SECTION 4 - FIRST AID MEASURES

Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen.

Skin contact: Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE-FIGHTING MEASURES

Flash Point & Method:	122°F (50°C); CC ASTM D93
Autoignition temperature:	ca. 400°F (205°C)
Unusual Fire and Explosion Hazards:	Flammable Liquid. Explosive mixtures may form with air if large quantities of product are released in unventilated areas. May emit toxic fumes under fire conditions.
Reactivity Hazard:	None known
Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Hazardous combustion products:	Carbon monoxide, Carbon dioxide (CO ₂).
Special Fire Fighting Procedure:	Flammable material. Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Evacuate personnel to safe areas. Ventilate area and eliminate all ignition sources. Keep people away from and upwind of spill/leak. Use personal protective equipment.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.
Clean-up methods:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains. Clean spill area thoroughly. Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Handling:	Avoid heat, sparks, flame or smoking during use. Use only in ventilated areas. Avoid spraying toward open flame. Avoid excessive contact with skin, eyes and clothing. Avoid breathing mists, dusts or vapors. Wash hands thoroughly after handling.
Storage:	Keep containers tightly closed in a cool, well-ventilated place. Keep product and empty containers away from heat and sources of ignition. Store in accordance with local requirements for Class 1B Flammable Liquids.
Additional Storage:	Not required under normal use

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Use adequate local exhaust ventilation if airborne dusts, mists, or vapors will be generated. Use NIOSH/MSHA approved respirator whenever exposure limits exceeded.
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Personal Protective Equipment

Eye protection:	Not Required under normal use
Skin and body protection:	Not Required under normal use
Respiratory protection:	Not Required under normal use
Hand protection:	Not Required under normal use
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.
Exposure controls TLV/PEL:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	Clear
Odor:	Characteristic odor
Physical state:	Liquid
Boiling point/range:	>212°F / >100 °C
Melting point/range:	N/A
Solubility:	Slightly insoluble in water
Flash Point & Method:	122°F (50°C); CC ASTM D93
% VOC	Complies with Federal and State regulations for VOC content.

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions
Conditions to avoid:	Avoid extreme heat, open flames and ignition sources.
Materials to avoid:	Oxidizing agents
Hazardous decomposition products:	No decomposition if stored normally

Possibility of Hazardous Reactions: Will not occur

11. TOXICOLOGICAL INFORMATION

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

Acute toxicity Product Information: No data available

Local effects

Skin irritation: May cause skin irritation and/or dermatitis.

Eye irritation: Contact with eyes may cause irritation.

Inhalation: May cause irritation of respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic toxicity: No information available

Specific effects

Carcinogenic effects: No classification data on the carcinogenic properties of this material is available from the IARC, NTP or OSHA

Target Organs: None

12. ECOLOGICAL INFORMATION

Aquatic toxicity Product Information: No data available

Persistence and degradability: No data available

Environmental Fate and Pathways Mobility: No data available

Biodegradability: No data available

Bioaccumulative potential: No data available

Physical / Chemical: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Do not contaminate ponds, waterways or ditches with chemical or used container. **RCRA Hazardous Waste:** When disposed as waste this product are an ignitable hazardous waste, D001, (40 CFR 261). Dispose of in accordance with Local, State and Federal regulations.

14. TRANSPORT INFORMATION

Proper shipping name: Consumer Commodity
DOT Hazard Class: UN1170, Ethanol Solutions, Class 3, PGII, 18C(c.c.), LTD QTY (may be shipped as a consumer commodity ORM-D).
ICAO/IATA Class: UN1170, Ethanol Solutions, Class 3, PGII, 18C(c.c.), LTD QTY (may be shipped as a consumer commodity ORM-D).
IMDG Class: UN1170, Ethanol Solutions, Class 3, PGII, 18C(c.c.), LTD QTY (may be shipped as a consumer commodity ORM-D).

15. REGULATORY INFORMATION

Heavy metals content (ppm): Not applicable

International Inventories

FDA/Non-TSCA Cosmetic statement: FDA regulated cosmetic. Not subject to TSCA.

U.S. Regulations TSCA Section 12(b) Export Notification

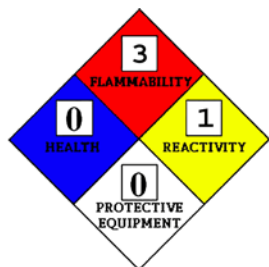
This product does not contain chemicals that are required to be notified under the TSCA 12(b) Export Notification.

SARA Title III: Canada

WHMIS hazard class: B2 Flammable Liquid.

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION



All information, recommendations & suggestions appearing herein concerning our product are based upon tests & data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, & suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by PHS International Ltd., as to the effects of such use, the results to be obtained, or the safety and toxicity of the product. Nor does PHS International Ltd. assume any liability arising out of the use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information is necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.