Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: *Super Banish® Appliance Deodorant*
Chemical Formula: N/A
CAS Number: N/A
Other Designations: N/A
General Use: Deodorizer for ostomy bags
Manufactured For: Smith & Nephew, Inc. 970 Lake Carillon Drive, Suite 110, St. Petersburg, FL 33716 **Phone:** 1 800 876-1261
Date Reviewed: August 7, 2009

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Triethylene Glycol	112-27-6	Proprietary
Purified Water	7732-18-5	Proprietary
Ethylene Thiourea	96-45-7	Proprietary
Silver Nitrate	7761-88-8	Proprietary
FD&C Coloring	N/A	Proprietary

Section 3 - Hazards Identification

★★★★★Emergency Overview ★★★★★

HMIS	
H	3
F	1
R	0
PPE	0

Potential Health Effects

Primary Entry Routes: Ingestion, Eyes, Inhalation, Skin
Target Organs: Liver. Kidneys. Lungs and respiratory system. Eyes. Skin. Birth defects.
Acute Effects

Eye: May cause slight to mild eye irritation. Excessive exposure can cause burns, tearing and redness to eyes.
Skin: prolonged or repeated contact may cause irritation.
Ingestion: Irritating to the mouth, throat and stomach. Can cause dizziness, headaches, and incoordination. Nausea, vomiting, and stomach upset can occur.
Inhalation: Irritating to the eyes, nose and respiratory tract. Can cause dizziness, headaches, faintness and incoordination. May cause nausea, vomiting and gastroenteritis.

Carcinogenicity: IARC considers Ethylene Thiourea a probable human carcinogen.
Medical Conditions Aggravated by Long-Term Exposure: Pre-existing eye and skin disorders may be aggravated by exposure to this product. Liver. Kidneys. Lungs and respiratory system. Skin. Birth defects.
Chronic Effects: Ethylene Thiourea is a probable human carcinogen.

Section 4 - First Aid Measures

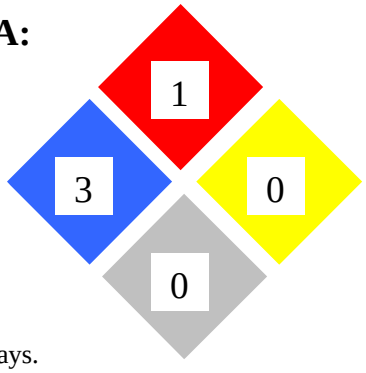
Inhalation: Remove victim to fresh air. If victim is not breathing, give artificial respiration.
Eye Contact: Flush eyes (including under the eyelids) with copious amounts of water for at least 15 minutes.
Skin Contact: Flush area and clothing with water immediately for 15 minutes. Remove contaminated clothes. Get medical attention if irritation persists. Professionally wash clothing and shoes before re-sue.
Ingestion: Seek medical attention. Immediately induce vomiting, as directed by medical personnel. Never give anything by mouth to an unconscious person.
After first aid, get appropriate in-plant, paramedic, or community medical support.
Special Precautions/Procedures: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

Section 5 - Fire-Fighting

Flash Point: >300°F / >149°C

Flash Point Method: COC

NFPA:



Burning Rate: Not determined
Autoignition Temperature: Not determined
LFL(% vol. in air): 0.9
UFL(% vol. in air): 9.2
Flammability Classification: Class IIIB Combustible liquid
Extinguishing Media: Carbon Dioxide, dry chemical, foam, fog or water spray.
Unusual Fire or Explosion Hazards: Emits toxic fumes under fire conditions.
Hazardous Combustion Products: Emits smoke, soot and toxic fumes under fire conditions. Oxides of sulfur. Oxides of nitrogen.
Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment: Self Contained Breathing Apparatus and protective clothing should be worn.

Section 6 - Accidental Release Measures

Spill /Leak Procedures:
Small Spills: Wipe up spill, rinse with water.
Large Spills
Containment: Isolate hazard area. Keep from entering sewers, lakes, streams, ponds, or other bodies of water. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.
Cleanup: Absorb on sand or vermiculite & transfer in an approved container for proper disposal.
Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Keep container tightly closed. Minimize contact with skin.
Storage Requirements: Store in a cool dry place, ≤77°F / 25°C.
Regulatory Requirements: None known for normal use

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: None required for normal use
Ventilation: General ventilation recommended
Administrative Controls: None required for normal use
Respiratory Protection: None required for normal use
Protective Clothing/Equipment: None required for normal use
Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Odor Threshold: Not determined
Vapor Pressure (mm Hg): < 10
Vapor Density (Air=1): 4.3
Formula Weight: N/A
Density: Not determined
Specific Gravity (H_20=1, at 25° C): 1.1 – 1.2
pH @ 25°C: Not determined
Evaporation Rate (nBuAc = 1): < 1

Appearance: Clear, green liquid.
Water Solubility: Complete
Other Solubilities: Not determined
Boiling Point: 212°F / 100°C
Freezing/Melting Point: Not determined / Not determined
Viscosity: Not determined
Refractive Index: Not determined
Surface Tension: Not determined
%Volatile: Not determined

Section 10 - Stability and Reactivity

Stability: Stable
Polymerization: Hazardous polymerization will not occur.
Chemical Incompatibilities: Strong oxidizing agents, strong acids & strong bases
Conditions to Avoid: Temperatures above 300°F / 149°C
Hazardous Decomposition Products: Oxides of carbon, nitrogen, & sulfur and other toxic vapors.

Section 11 - Toxicological Information

Toxicity Data:

Eye Effects: Eye irritation - Rabbit 8.3/110
Skin Effects: Skin irritation – Rabbit 0.63/8
Acute Inhalation Effects: Reference Section 3
Chronic Effects: ETU is a probable human carcinogen.
Carcinogenicity: IARC and NTP consider ETU a probable human carcinogen.
Acute Oral Effects: Reference Section 3

Section 12 - Ecological Information

Ecotoxicity: Toxic to fish
Environmental Fate: Not determined
Environmental Degradation: Not determined
Soil Absorption/Mobility: Not determined

Section 13 - Disposal Considerations

Disposal: Burn liquid in an approved incinerator or contact your licensed waste disposal company for detailed recommendations.
Disposal Regulatory Requirements: Follow applicable federal, state, and local regulations.
Container Cleaning and Disposal: Federal regulations may apply to the empty container. State and/or local regulations may vary.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):
Not Regulated

Section - 15 Regulatory Information

EPA Regulations: SARA Title III – Section 311/312: Immediate (acute) Health Hazard and Delayed Health Hazard
SARA Section 313 Toxic Chemicals: Ethylene Thiourea and Silver Nitrate

OSHA Regulations: None known for normal use

State Regulations: May vary from state to state

Section 16 - Other Information

Additional Hazard Rating Systems: None Known