

Safety Data Sheet

Super Banish® Appliance Deodorant

1. Identification

1.1. Product identifier

Product Identity Super Banish® Appliance Deodorant
Alternate Names Appliance Deodorant

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use Deodorizer for ostomy bags.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Smith & Nephew
970 Lake Carillon Drive, Suite 110
St. Petersburg, FL 33716

Emergency

Customer Service: Smith & Nephew 1-800-876-1261

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315 Causes skin irritation.
Eye Irrit. 2;H319 Causes serious eye irritation.
Repr. 1B;H360D May damage the unborn child.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H360D May damage the unborn child.

[Prevention]:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash thoroughly after handling.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

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P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice / attention.

P321 Specific treatment (see information on this label).

P332+313 If skin irritation occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse.

[Storage]:

P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Triethylene Glycol (TEG) CAS Number: 0000112-27-6	75 - 100	Not Classified	[1]
Imidazolidinethione CAS Number: 0000096-45-7	1.0 - 10	Repr. 1B;H360D Acute Tox. 4;H302	[1][2]
Nitric acid silver(1+) salt CAS Number: 0007761-88-8	1.0 - 10	Ox. Sol. 2;H272 Skin Corr. 1B;H314 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

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-use.

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Ingestion Seek medical attention. Immediately induce vomiting, as directed by medical personnel. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Overview

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.

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.

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.

See section 2 for further details.

Eyes

Causes serious eye irritation.

Skin

Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Carbon Dioxide, dry chemical, foam, fog or water spray

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, nitrogen, & sulfur and other toxic vapors.

5.3. Advice for fire-fighters

Self-Contained Breathing Apparatus and protective clothing should be worn.

Do not release runoff from fire control methods to sewers or waterways.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

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Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

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).

7. Handling and storage

7.1. Precautions for safe handling

Keep container tightly closed. Minimize contact with skin.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Strong oxidizing agents, strong acids, and strong bases.

Store in a cool dry place, < 77°F / 25°C.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000096-45-7	Imidazolidinethione	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	Ca Use encapsulated form
		Supplier	No Established Limit
0000112-27-6	Triethylene Glycol (TEG)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0007761-88-8	Nitric acid silver(1+) salt	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

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CAS No.	Ingredient	Source	Value
0000096-45-7	Imidazolidinethione	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: Yes
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000112-27-6	Triethylene Glycol (TEG)	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007761-88-8	Nitric acid silver(1+) salt	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory	None required for normal use.
Eyes	None required for normal use.
Skin	None required for normal use.
Engineering Controls	None required for normal use.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Clear, Green Liquid
Odor	Not Determined
Odor threshold	Not Measured
pH	Not Determined
Melting point / freezing point	Not Determined
Initial boiling point and boiling range	212°F / 100°C
Flash Point	> 300°F / > 149°C COC
Evaporation rate	< 1 (nBuAc = 1)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 0.9 (% vol. in air) Upper Explosive Limit: 9.2 (% vol. in air)
Vapor pressure	< 10 mmHg
Vapor Density	4.3 (Air = 1)
Specific Gravity	1.1 - 1.2 @ 25°C (H2O = 1)
Solubility in Water	Complete
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Available
Viscosity (cSt)	Not Determined
VOC Content	Not Determined

9.2. Other information

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No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

Emits smoke, soot and toxic fumes under fire conditions.

10.4. Conditions to avoid

Temperatures above 300°F / 149°C

10.5. Incompatible materials

Strong oxidizing agents, strong acids, and strong bases.

10.6. Hazardous decomposition products

Oxides of carbon, nitrogen, & sulfur and other toxic vapors.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Triethylene Glycol (TEG) - (112-27-6)	No data available	No data available	No data available	No data available	No data available
Imidazolidinethione - (96-45-7)	No data available	No data available	No data available	No data available	No data available
Nitric acid silver(1+) salt - (7761-88-8)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable

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Carcinogenicity	---	Not Applicable
Reproductive toxicity	1B	May damage the unborn child.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	Er C50 algae, mg/l
Triethylene Glycol (TEG) - (112-27-6)	Not Available	Not Available	Not Available
Imidazolidinethione - (96-45-7)	Not Available	Not Available	Not Available
Nitric acid silver(1+) salt - (7761-88-8)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated

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14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user			
No further information			

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	D2A
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Imidazolidinethione (10.00)
Nitric acid silver(1+) salt (1.00)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Imidazolidinethione
Nitric acid silver(1+) salt

Proposition 65 - Carcinogens (>0.0%):

Imidazolidinethione

Proposition 65 - Developmental Toxins (>0.0%):

Imidazolidinethione

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Imidazolidinethione
Nitric acid silver(1+) salt

Pennsylvania RTK Substances (>1%):

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Imidazolidinethione

Nitric acid silver(1+) salt

Triethylene Glycol (TEG)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H360D May damage the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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