

Material Safety Data Sheet

Product code: JJCUSMR5MTAF
Revision date: 10-01-2007

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

Supplier:

Johnson and Johnson Consumer Companies, Inc.
199 Grandview Road
Distributor
Skillman, NJ
08558-9418

Customer service telephone: 1-800-526-3967

Emergency telephone number: For 24-hour emergency assistance, call the 3E Company at 1 (877) 236-9871. Provide the technician with the following product tracking code: 2277.

Product name: MEN'S ROGAINE 5% MINOXIDIL TOPICAL AEROSOL FOAM
Synonyms: Men's Rogaine 5% Minoxidil Topical Aerosol Foam (Unscented)'s Rogaine 5% Minoxidil Topical Aerosol Foam (with Fragrance)

Product code: JJCUSMR5MTAF
Formula #: NA
Intended Use: For external use only.

2. HAZARDS IDENTIFICATION

Emergency overview: Flammable. This product is dispensed via a mechanism that is considered highly flammable and may be irritating.

This material is a controlled product under WHMIS.

Properties affecting health: May be harmful if swallowed.
May irritate the eyes, skin, mucous membranes and respiratory system.

Principle routes of exposure:

Eye Contact: May cause eye irritation.
Skin contact: May cause skin irritation.
Ingestion: May be harmful if swallowed.
Inhalation: May cause irritation to the upper respiratory tract.

Physico-chemical properties: Flammable.

Hazard information:

Target Organ(s) central nervous system
Reproductive effects: No effects expected.
Mutagenic effects: No effects expected.
Sensitization: Sensitization is not expected.

Signs and symptoms: Irritant

Medical conditions aggravated by exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product formulation contains no ingredients at their given percentages that are considered hazardous to your health.

Components	CAS Number	Synonyms	Weight %
Glycerin	56-81-5		1-5
ETHYL ALCOHOL (DENATURED)	64-17-5		>50
PETROLEUM GASES, LIQUEFIED, SWEETENED	68476-86-8		1-5

4. FIRST AID MEASURES

Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.
Skin contact:	In the case of skin irritation or allergic reactions see a physician.
Ingestion:	If ingested, seek medical attention immediately and show the label.
Inhalation:	Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.
Protection of first-aiders:	Wear suitable gloves and eye/face protection.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, dry chemical powder, foam
Extinguishing media which must not be used for safety reasons:	Water
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire fighting if necessary.
Specific methods:	Aerosol product containers may rocket or explode in heat of fire.
Hazardous combustion products:	Vapors generated from this product may be flammable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Remove all sources of ignition. Ensure adequate ventilation. Wear eye and skin protection. Pay attention to flashback Refer to Section 8 (Exposure Controls/Personal Protection) for minimum personal protective equipment.
Environmental precautions:	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling:	
Technical measures/precautions:	Keep container tightly closed and away from sources of ignition -No smoking. Vapours may form explosive mixtures with air Use only in well-ventilated areas.
Safe handling advice:	Keep away from sources of ignition - No smoking.
Storage:	
Technical measures/storage conditions:	Store per labeled instructions.
Incompatible products:	Keep away from heat and sources of ignition, Strong oxidizing agents, Avoid contact with strong acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH (TWA - 8hr)	ACGIH (STEL)	ACGIH (Ceiling)	OSHA (TWA - 8hr)	OSHA (Ceiling)	OSHA (STEL)
Glycerin (1-5%) 56-81-5	10 mg/m ³ Mist.			5 mg/m ³ Respirable fraction. 15 mg/m ³ Total dust.		
ETHYL ALCOHOL (DENATURED) (>50%) 64-17-5	1000 ppm			1900 mg/m ³ 1000 ppm		

Engineering controls: Ensure adequate ventilation.

Personal protective equipment

Eye protection:

Eye and face protection recommended when manufacturing product.

Hand protection:

Protective gloves recommended when manufacturing product.

Skin and body protection

Wear suitable protective clothing. Wear suitable gloves and eye/face protection.

Respiratory protection:

Self-contained breathing apparatus required for fires and spills.

Other/general protection:

Keep away from sparks or sources of ignition.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state:

Foam

Color:

White to off-white.

Odor:

Fresh

Important Health Safety and Environmental Information

Flash point:

<50 °F <10 °C

pH:

5.0 - 6.0

Other information

Explosivity:

None.

10. STABILITY AND REACTIVITY

Chemical stability:

Stable under recommended storage conditions.

Materials to avoid:

Strong acids and strong bases.

Oxidizing agents.

Conditions to avoid:

Heat, flames and sparks.

Vapors may form explosive mixture with air

Hazardous polymerization:

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Eye contact

May cause eye irritation.

Skin contact

May cause skin irritation.

Ingestion

May be harmful if swallowed.

Inhalation

May cause irritation of respiratory tract.

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FOAM

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Page 3 of 6

11. TOXICOLOGICAL INFORMATION

Sub-Chronic/Chronic Toxicity

No repeat dose data available.

Specific effects

Target Organ(s)	central nervous system
Reproductive effects	Not available.
Developmental effects	Not available.
Carcinogenic effects	Not expected to be carcinogenic.
Genotoxic effects	Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects:	No data is available on the product itself.
Aquatic toxicity effects:	No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging:

None.

14. TRANSPORT INFORMATION

DOT

DOT shipping name:	Consumer Commodity
Hazard class:	ORM-D

IATA/ICAO

ID/UN No.:	ID8000
Proper shipping name	Consumer Commodity
Hazard class:	9
IATA - label:	9 (miscellaneous)
ERG #	ERG127

IMO/IMDG

UN/Id No.:	UN1950
Proper shipping name	AEROSOLS, Limited Quantity
Hazard class:	2
EMS No.:	F-D , S-U

ADR/RID

UN/Id No.:	UN1950
Proper shipping name	AEROSOLS , Limited Quantity
ADR/RID-labels:	2.1

15. REGULATORY INFORMATION

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Components	CAS Number	SARA 313	SARA 302	CERCLA	CEPA
Glycerin (1-5%)	56-81-5				Listed
ETHYL ALCOHOL (DENATURED) (>50%)	64-17-5				Listed

SARA (311, 312) hazard class

Immediate health:	None.
Delayed health:	None.
Fire:	None.
Sudden Release of Pressure Hazard:	None.
Reactivity:	None.

State Regulations

Components	CAS Number	NJRTK	PARTK	MARTK	RIRTK
Glycerin (1-5%)	56-81-5		Listed	Listed	Listed
ETHYL ALCOHOL (DENATURED) (>50%)	64-17-5	Listed	Listed	Listed	Listed

International Inventories

Components	TSCA	DSL	NDSL
Glycerin (1-5%)	Listed	Listed	
ETHYL ALCOHOL (DENATURED) (>50%)	Listed	Listed	
PETROLEUM GASES, LIQUEFIED, SWEETENED (1-5%)	Listed	Listed	

WHMIS:

WHMIS trade secret:	None.
WHMIS hazard class:	D2A Very Toxic Materials



Notes:

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s):

None.

MSDS format:

- North American Format - U.S. and Canada
- This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.

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End of Safety Data Sheet