



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 09-Jun-2015

Revision Date 13-Jun-2025

Version 3

1. Identification

Product identifier

Product Name Rogaine Topical Solution 5 Percent / Regaine Topical Solution 5 Percent / Men's Rogaine Extra Strength 5% Minoxidil Topical Solution

Other means of identification

Safety Data Sheet Code NA-PD-F-6527-1

Reference Document No. PR-006498, PD-F-6527-1, FML_ROG93541062-001

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use This is a finished medicinal product for human use. This SDS describes hazard relevant to occupational exposure, not intended for patient use. This SDS is only intended for occupational use of large quantities of finished product and not for consumer use (see packaging label and or insert). This SDS is written to provide environmental, health and safety information for personnel that will be handling this finished product. For health and safety information during manufacturing of this product, please refer to the appropriate SDS for each component.

Restrictions on use None if used in accordance with product label.

Details of the supplier of the safety data sheet

Initial supplier identifier

Kenvue Canada Inc.
88 McNabb Street,
Markham ON L3R 5L2 CANADA
800-361-8068

Manufacturer Address

Kenvue Brands LLC
1 Kenvue Way
Summit, NJ 17901
800-361-8068

Emergency telephone number

Emergency Telephone Call 3E Company at 1-760-476-3959 Provide the technician with the following tracking code: 2277

2. Hazard(s) identification

Classification of the substance or mixture

This product is considered hazardous by the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Material Information System (WHMIS).

Flammable liquids	Category 3
Serious eye damage/eye irritation	Category 2A

Label elements



Signal word:

Warning

Hazard statements

Flammable liquid and vapor.

Causes serious eye irritation.

Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

For emergency responders, manufacturer: Wash face, hands and any exposed skin thoroughly after handling.

For emergency responders, manufacturer: Wear protective gloves and eye/face protection.

Precautionary Statements - Response

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice and attention.

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction.

Use extinguishing agent suitable for type of surrounding fire.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available.

Other hazards

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Propylene Glycol	57-55-6	30 - 60	-	-

Ethanol	64-17-5	10 - 30	-	-
Minoxidil	38304-91-5	3-7	-	-

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

4. First-aid measures

Description of first aid measures

Inhalation	It is unlikely that emergency treatment will be required. Move victim to fresh air. If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin contact	If skin irritation or rash occurs: Get medical advice/attention.
Ingestion	Not an expected route of exposure. If swallowed, call a poison control center or physician immediately. Do not induce vomiting without medical advice.
Self-protection of the first aider	Remove all sources of ignition.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical Keep product and empty container away from heat and sources of ignition.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions In the event of an accidental release, the emergency response team must respond based on a risk assessment and use personal protective equipment as appropriate.

Methods and material for containment and cleaning up

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

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in accordance with: product packaging.

8. Exposure controls/personal protection

Control Parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	TWA: 1000 ppm; TWA: 1900 mg/m ³ ; IDLH: 3300 ppm

Chemical name	Alberta	British Columbia	Ontario	Quebec
Propylene Glycol 57-55-6	-	-	TWA: 10 mg/m ³ ; aerosol only TWA: 50 ppm; aerosol and vapor TWA: 155 mg/m ³ ; aerosol and vapor	-
Ethanol 64-17-5	TWA: 1000 ppm; TWA: 1880 mg/m ³ ;	STEL: 1000 ppm;	STEL: 1000 ppm;	STEV: 1000 ppm;

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Ethanol	STEL: 1000 ppm;	STEL: 1000 ppm;	STEL: 1000 ppm;	STEL: 1000 ppm;

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Ethanol	TWA: 1000 ppm; STEL: 1250 ppm;	STEL: 1000 ppm;	TWA: 1000 ppm; STEL: 1250 ppm;	TWA: 1000 ppm; TWA: 1900 mg/m ³ ; STEL: 1000 ppm; STEL: 1900 mg/m ³ ;

Note See section 16 for terms and abbreviations.
Other information on limit values Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Biological occupational exposure limits This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Appropriate engineering controls

Engineering controls All personal protective equipment should be based on a risk assessment. Consult an Environmental Health and Safety Expert if necessary.

Individual protection measures, such as personal protective equipment

Eye/face protection None under normal use conditions. Avoid contact with eyes.

Hand protection None under normal use conditions.

Skin and body protection None under normal use conditions.

Respiratory protection None under normal use conditions.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance clear liquid
Physical state Liquid
Color colorless
Odor (includes odor threshold) No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	
Boiling point (or initial boiling point or boiling range)	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	25 °C / 77 °F	CC (closed cup)
Autoignition temperature	No data available	
Decomposition temperature	No data available	
SADT (°C)	No data available	

pH	No data available -
pH (as aqueous solution)	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Solubility	No data available
Water solubility	
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure (includes evaporation rate)	No data available
Evaporation rate	No data available
Density and/or relative density	No data available
Bulk density	No data available
Liquid Density	No data available
Vapor density	No data available
Particle characteristics	
Particle Size	No data available
Particle Size Distribution	No data available
<u>Other information</u>	No information available

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Incompatible with oxidizing agents.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	No information available.
Eye contact	Irritating to eyes.
Skin contact	No information available.
Ingestion	No information available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	None known.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
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Serious eye damage/eye irritation Irritating to eyes.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	A3 A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans	Group 1	Known	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to humans

NTP (National Toxicology Program)

Known - Known Carcinogen

Occupational Safety and Health Administration of the US Department of Labor

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propylene Glycol 57-55-6	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas)	-	EC50: >1000mg/L (48h, Daphnia magna)

		LC50: =710mg/L (96h, Pimephales promelas)		
Ethanol 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas)	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna)

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Propylene Glycol 57-55-6	-1.07
Ethanol 64-17-5	-0.35

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse empty containers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport information

Note: The information provided in section 14 is intended to provide the user with guidance only on the proper shipping requirements for the finished product in the final packaging - NOT BULK. Transport classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the Shipper to ensure this product is shipped in accordance with all applicable regulations. Consult your company's Hazardous/Dangerous Goods Expert for information specific to your situation.

DOT

UN/ID no UN 1170
Proper shipping name Ethanol, Solution
Transport hazard class(es) 3
Packing Group III
Marine pollutant No
Special Provisions 49 CFR 173.150 (b)(3) – Inner packagings having a content of ≤ 5L can be shipped under Limited Quantity provisions if packed and marked in accordance with the applicable

regulatory requirements.

TDG

UN/ID no	Not applicable
Proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Packing Group	Not applicable
Environmental Hazards	Not applicable
Special Provisions	TDG 1.36 b) - Part 3, Part 4, Part 5, Part 6, Part 7, Part 8, Part 9 and Part 10 do not apply to the handling, offering for transport or transporting on a road vehicle, a railway vehicle or a ship on a domestic voyage with an aqueous solution of alcohol if the aqueous solution with a flash point greater than 23°C and contains alcohol that is ≤ 50% by volume and ≥ 50% by volume of a substance that is not dangerous goods, and is contained in a small means of containment.

IATA

UN number or ID number	UN 1170
Proper shipping name	Ethanol, Solution
Transport hazard class(es)	3
Packing Group	III
Environmental hazards	No
Special Provisions	Special disposition A112 - Inner packagings of ≤ 500mL can be shipped as Consumer Commodity – ID 8000 – if packed and marked in accordance with the applicable regulatory requirements.

IMDG

UN number or ID number	UN 1170
UN proper shipping name	Ethanol, Solution
Transport hazard class(es)	3
Packing Group	III
Marine pollutant	No
Special Provisions	Inner packagings having a content of ≤ 5L can be shipped under Limited Quantity provisions if packed and marked in accordance with the applicable regulatory requirements.

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable. This SDS is not intended for bulk.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

US Federal Regulations

SARA 313

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (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).

CAA (Clean Air Act)

This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

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.

US State Regulations

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X	-	X
Ethanol 64-17-5	X	X	X

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)
AIIC	Australian Inventory of Industrial Chemicals
ATE	Acute Toxicity Estimate
ASTM	American Society for the Testing of Materials
bar	Biological Reference Values for Chemical Compounds in the Work Area
BAT	Biological tolerance values for occupational exposure
BEL	Biological exposure limits
bw	Body weight
Ceiling	Maximum limit value
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	Environmental Protection Agency
GHS	Globally Harmonized System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer

IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organization for Standardization
KECI	Korean Existing Chemicals Inventory
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL	International Convention for the Prevention of Pollution from Ships
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NTP	National Toxicology Program (United States)
NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Cooperation and Development
OEL	Occupational exposure limits
OSHA	Occupational Safety and Health Administration of the US Department of Labor
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure-activity relationship
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
SL	Surface Limit
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average
UN	United Nations
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
vPvM	Very Persistent and Very Mobile
As	Allergenic substance
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitizer
RS	Respiratory Sensitizer
S	Sensitizer
poS	Sensitizer - capable of causing occupational asthma
Sa	Simple asphyxiant
Sd	Skin designation

pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated
Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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End of Safety Data Sheet