PERSONAL CARE PRODUCTS

SAFETY DATA SHEET

Issue Date 20-Dec-2012 **Revision Date** 21-Dec-2012 **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name Shave Cream

Other means of identification

SDS # PCP-023

UN/ID No UN1950

Product Code 24021/Shave Cream-Regular/10048155924021
04740/Shave Cream-Regular/10048155904740
18505/Men's Shave Cream Regular
05807/Shave Cream-Regular/76416-05807
07380-4/Shave Cream-Regular
24038/Shave Cream Sensitive/10048155924038
04757/Shave Cream-Sensitive/10048155904757
21822/Women's Shave Cream w/Aloe/10048155921822
21839/Women's Shave Cream Creamy Peach/10048155921839
18510/Men's Shave Cream Sensitive
18513/Women's Shave Cream Peach
18511/Women's Shave Cream Raspberry
5808/Shave Cream Sensitive
05808/Halsa Shave Cream Sensitive/76416-05808
05809/Halsa Women Shave Cream-Raspberry Splash/76416-05809
05810/Halsa Women Shave Cream-Aloe & Vitamin E/76416-05810
7381/Shave Cream-Sensitive

Recommended use of the chemical and restrictions on use

Recommended Use Shave cream.

Details of the supplier of the safety data sheet

Supplier Address
Personal Care Products LLC
3001 West Big Beaver Rd. Ste. 520
Troy, MI 48084
248.971.7600
http://www.personal-care.com

Emergency telephone number

Company Phone Number 248-971-7600

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Appearance Aerosols **Physical state** Aerosol **Odor** Pleasant

Hazards not otherwise classified (HNOC)
Pressurized container: May burst if heated
Other Information
Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Stearic acid	57-11-4	5-10	*
Triethanolamine	102-71-6	3-8	*
Propane	74-98-6	1-5	*
N-Butane	106-97-8	1-5	*
Isobutane	75-28-5	1-5	*
Isopropyl palmitate	142-91-6	0-1	*

Chemical Additions Contains 0.20% aloe

4. FIRST AID MEASURES

First aid measures

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Skin Contact Non-toxic in contact with skin.

Most important symptoms and effects, both acute and delayed

Symptoms Direct contact with eyes may cause temporary irritation.

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 Not determined.

Specific hazards arising from the chemical
Aerosols are under pressure. Perforation of the pressurized container may cause bursting of the can.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required.

Environmental precautions See Section 12 for additional ecological information.

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 Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triethanolamine 102-71-6	TWA: 5 mg/m³	-	-
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m³
N-Butane 106-97-8	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³	TWA: 800 ppm TWA: 1900 mg/m³

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection Ensure adequate ventilation, especially in confined areas.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol		
Appearance	Aerosols	**Odor**	Pleasant
Color	Not determined	**Odor threshold**	Not determined

Property	**The following physical data are approximate only and do not represent specification values. They should be used only in the context of this safety data sheet.**	**Remarks • Method**
pH	8.2-8.5	
Melting point/freezing point	~0 °C / ~32 °F	
Boiling point/boiling range	~102 °C / ~215 °F	
Flash point	Non-flammable aerosol	
Evaporation rate	>1	(butyl acetate = 1)
Flammability (solid, gas)	n/a-liquid	
Flammability Limits in Air		
Upper flammability limits	Non-flammable aerosol	
Lower flammability limit	Non-flammable aerosol	
Vapor pressure	0.05	
Vapor density	>1	
Specific Gravity	0.98	
Water solubility	Soluble in water	
Solubility in other solvents	Soluble in some polar solvents	
Partition coefficient	Partitions	
Autoignition temperature	Non-flammable aerosol	
Decomposition temperature	Not determined	
Kinematic viscosity	Expelled product is a foam	
Dynamic viscosity	Expelled product is a foam	
Explosive properties	Pressurized container: May burst if heated	
Oxidizing properties	Not an oxidizer	

Other Information

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Excessive heat and fire.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Avoid breathing vapors or mists.

Eye contact Avoid contact with eyes.

Skin Contact No known hazard in contact with skin.

Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Stearic acid 57-11-4	-	> 5 g/kg (Rabbit)	-
Triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 2000 mg/kg (Rabbit) > 16 mL/kg (Rat)	-
Sorbitol 50-70-4	= 15900 mg/kg (Rat)	-	-
Propane 74-98-6	-	-	658 mg/L (Rat) 4 h
Isobutane 75-28-5	-	-	658 mg/L (Rat) 4 h
N-Butane 106-97-8	-	-	658 mg/L (Rat) 4 h
Isopropyl palmitate 142-91-6	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Sodium lauryl sulfate 151-21-3	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m³ (Rat) 1 h

Information on physical, chemical and toxicological effects

Symptoms Direct contact with eyes may cause temporary irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6		Group 3		

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity- Product
Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 66742 mg/kg
ATEmix (dermal) 62929 mg/kg
ATEmix (inhalation-dust/mist) 12353.8 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Triethanolamine 102-71-6	216: 72 h Desmodesmus subspicatus mg/L EC50 169: 96 h Desmodesmus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static		1386: 24 h Daphnia magna mg/L EC50
Sodium lauryl sulfate 151-21-3	53: 72 h Desmodesmus subspicatus mg/L EC50 30 - 100: 96 h Desmodesmus subspicatus mg/L EC50 117: 96 h Pseudokirchneriella subcapitata mg/L EC50 3.59 - 15.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	8 - 12.5: 96 h Pimephales promelas mg/L LC50 static 15 - 18.9: 96 h Pimephales promelas mg/L LC50 static 22.1 - 22.8: 96 h Pimephales promelas mg/L LC50 static 4.3 - 8.5: 96 h Oncorhynchus mykiss mg/L LC50 static 4.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 4.2: 96 h Oncorhynchus mykiss mg/L LC50 7.97: 96 h Brachydanio rerio mg/L LC50 flow-through 9.9 - 20.1: 96 h Brachydanio rerio mg/L LC50 semi-static 4.06 - 5.75: 96 h Lepomis macrochirus mg/L LC50 static 4.2 - 4.8: 96 h Lepomis macrochirus mg/L LC50 flow-through 4.5: 96 h Lepomis macrochirus mg/L LC50 5.8 - 7.5: 96 h Pimephales promelas mg/L LC50 static 10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semi-static 6.2 - 9.6: 96 h Pimephales promelas mg/L LC50 13.5 - 18.3: 96 h Poecilia reticulata mg/L LC50 semi-static 10.8 - 16.6: 96 h Poecilia reticulata mg/L LC50 static 1.31: 96 h Cyprinus carpio mg/L LC50 semi-static		1.8: 48 h Daphnia magna mg/L EC50

Persistence and degradability
Not determined.

Bioaccumulation
Not determined.

Mobility
Not determined.

Chemical Name	Partition coefficient
Triethanolamine 102-71-6	-2.53
Propane 74-98-6	2.3

N-Butane 106-97-8	2.89
Isobutane 75-28-5	2.88

Other adverse effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Based on package size, product may be eligible for limited quantity exception

DOT (each not exceeding 1 L capacity)
- **UN/ID No** UN1950
- **Proper shipping name** Aerosols
- **Hazard Class** 2.2

IATA
- **UN/ID No** UN1950
- **Proper shipping name** Aerosols, non-flammable
- **Hazard Class** 2.2

IMDG
- **UN/ID No** UN1950
- **Proper shipping name** Aerosols
- **Hazard Class** 2.2

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 311/312 Hazard Categories

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Triethanolamine 102-71-6	X	X	X
Propane 74-98-6	X	X	X
Isobutane 75-28-5	X	X	X
N-Butane 106-97-8	X	X	X

U.S. EPA Label Information

16. OTHER INFORMATION

NFPA	**Health hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health hazards**	**Flammability**	**Physical hazards**	**Personal protection**
	Not determined	Not determined	Not determined	Not determined

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End of Safety Data Sheet