

Date: 12/12/2022

Revision Date: -

Revision No: 00

**SAFETY DATA SHEET**  
OSHA HCS (29 CFR 1910.1200)

BIOREL Kids Bath Foam - Green

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### SECTION 1: IDENTIFICATION

**Product identifier**

BIOREL Kids Bath Foam - Green

**Identified Uses:** Cosmetic use, bath foam.

**Manufacturer Name:** AKFER MUHENDISLIK LTD. STI.

**Manufacturer Address:** Adnan Kahveci Mah. Gulyali Cad. No:5/35 Beylikduzu - Istanbul / TURKEY

**Tel:** +902128559747

**E-mail:** [biorel@akfer.com](mailto:biorel@akfer.com)

### SECTION 2: HAZARD(S) IDENTIFICATION

#### 2.1. Classification of the substance or mixture (Classified in Accordance with Appendix B.3)

Hazard category	Signal word	Hazard statement	Symbol
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1	Danger	Extremely flammable gas
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#### Precautionary statements

Prevention	Response	Storage	Disposal
Keep away from heat/sparks/open flames/hot surfaces. -No smoking.	Leaking gas fire: Do not extinguish, unless the leak can be stopped safely. Eliminate all ignition sources if safe to do so.	Store in a well-ventilated place.	Dispose of contents/container in accordance with local/regional/national/international regulations.

\*Non Hazardous according to European Commission Regulation (EC) No 1223/2009 and Cosmetic Ingredients Review.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Description:** Multi Component Mixture

SUBSTANCES	CAS NUMBER	EINECS/ELICS NUMBER	CONCENTRATION %	Hazard statement Code(s)
Butane, Propane, Isobutane (Petroleum gases, liquefied, if they contain > 0.1% w/w Butadiene)	-	-	20,00-25,00	Flam. Gas 1; H220 Press. Gas

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#### **SECTION 4: FIRST AID MEASURES**

##### **Description of first aid measures**

**Eye:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

**Skin Problem:** If skin problems occur, discontinue use of product. Get medical attention if irritation persists.

**Inhalation:** If respiratory irritation occurs, remove individual to fresh air. Then consult a doctor.

**Ingestion:** Not expecting.

##### **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

##### **Indication of any immediate medical attention and special treatment needed**

After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

**General information:** General first aid, rest, warm and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

#### **SECTION 5: FIREFIGHTING MEASURES**

##### **Extinguishing media**

**Suitable:** Use chemical foam, dry chemical, carbon dioxide

**Unsuitable:** Water, water spray

##### **Special hazards arising from the substance or mixture**

Container may rocket or explode in heat of fire.

##### **Advice for fire-fighters**

Contact emergency personnel. Flammable material. Explosive mixtures may form with air. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### **Personal precautions**

**Personal precautions:** None under normal use conditions.

**Advice for emergency responders:** UN No: 1950. Wear appropriate protective equipment. Spills will be slippery and highly flammable.

##### **Environmental protection measures**

**For Household Settings:** Do not expose to heat and flame. Use only in ventilated areas. Do not spray near flame or while smoking. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame

##### **Methods and material for containment and cleaning up**

**For Household Settings:** Ventilate area and eliminate all ignition sources.

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**For Non-Household Settings:** Ventilate area and eliminate all ignition sources. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

**For Household Settings:** Do not spray near flame or while smoking. Do not crush, puncture or incinerate. Keep away from face and mouth to avoid breathing it. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Do not crush, puncture or incinerate. Avoid extreme heat and ignition sources. Avoid spraying toward open flame. Avoid puncturing or otherwise damaging aerosol containers and packaging when using forklifts or other material handling equipment.

### Conditions for safe storage, including any incompatibilities

**For Household Settings:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. Avoid heat, sparks, flame, or smoking. Avoid extreme heat and ignition sources. Store away from oxidizers.

**For Non-Household Settings:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. Store in accordance with local requirements for Aerosol Level 3. Store away from oxidizers. Store in a well ventilated, cool area.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Workplace exposure standard (WorkSafe January 2018):

Propane is a simple asphyxiant and displaces oxygen from air. It presents an explosion hazard.

Butane TWA 800 ppm, 1900 mg/m<sup>3</sup>

LPG 1,000 ppm, 1800 mg/m<sup>3</sup>

### Exposure controls

#### **Personal protective equipment:**

**For Household Settings:** This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

**For Non-Household Settings:** Use in a well ventilated area. Use safety glasses or safety goggles if airborne mist hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing. This is a personal care or cosmetic product that is safe for consumers and other users under Secret Antiperspirant Deodorant Aerosol Page 4 of 6 normal and reasonably foreseen use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **Information on basic physical and chemical properties**

**Appearance:** Green foam when sprayed

**Color:** Green

**Odor:** Characteristic

**pH:** 8,0-9,5

**Density:** 0,95-1,05

**Flammability:** Flammable

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**Total Fatty Acid:** (%m/m) 6,5-11

## **SECTION 10: STABILITY AND REACTIVITY**

### **Reactivity**

Material is stable under non-emergency conditions.

### **Chemical stability**

These products are stable at room temperature in closed containers under normal storage and handling conditions.

### **Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

### **Conditions to avoid**

Avoid extreme heat and ignition sources. Store away from oxidizers.

### **Incompatible materials**

Keep away from strong oxidising agents alkalis and corrosive substances.

### **Hazardous decomposition products**

Decomposition will not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

### **Acute toxicity**

**Inhalation:** Not Available. Breathing of vapours at high concentration may cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness.

**Skin contact:** Unlikely to cause skin sensitisation.

**Eye contact:** Irritant to eyes. However splashes in the eye may cause stinging sensation and irritation and should be washed out with flowing water.

### **Chronic Toxicity**

No data available

**Carcinogenicity:** Finished product is not expected to be carcinogenic.

**Reproductive toxicity:** The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

**Mutagenic Effects:** There are no known mutagenic chemicals in this product.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

### **Persistence and degradability**

Not easily biodegradable

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**Bioaccumulative potential**

Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

**Mobility in soil**

No further relevant information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**For Household Settings:** The following instructions are for consumer usage only. Empty can through normal use as instructed on the can. If the can cannot be emptied due to malfunction of the nozzle, the product should be disposed of in a special waste collection for pressurized containers. A local waste handler should be contacted for additional information.

**For Non-Household Settings:** Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance.

**SECTION 14: TRANSPORT INFORMATION**

**ADR/IATA/IMDG**

**14.1. UN number**

UN1950

**14.2. UN proper shipping name**

AEROSOLS, flammable

**14.3. Transport hazard class(es)**

**Class:** 2.1

**Classification:** 5F

**Labels:** 2.1

**Transport category:** 2.1

**SECTION 15: REGULATORY INFORMATION**

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard -Yes  
Pressure Hazard - Yes  
Reactivity Hazard - No

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

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- Regulation (EC) No 1223/2009 Of The European Parliament And Of The Council of 30 November 2009 on cosmetic products.

**SECTION 16: OTHER INFORMATION**

**Additional information:** This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

This information is provided for documentation purposes only.

This product is not considered hazardous under normal conditions of use.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein believed to be true and accurate. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of information, the hazards connected with the use of material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user. This material safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees.

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### SECTION 1: IDENTIFICATION

**Product identifier**

BIOREL Kids Bath Foam - Pink

**Identified Uses:** Cosmetic use, bath foam.

**Manufacturer Name:** AKFER MUHENDISLIK LTD. STI.

**Manufacturer Address:** Adnan Kahveci Mah. Gulyali Cad. No:5/35 Beylikduzu - Istanbul / TURKEY

**Tel:** +902128559747

**E-mail:** [biorel@akfer.com](mailto:biorel@akfer.com)

### SECTION 2: HAZARD(S) IDENTIFICATION

#### 2.1. Classification of the substance or mixture (Classified in Accordance with Appendix B.3)

Hazard category	Signal word	Hazard statement	Symbol
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1

Danger

Extremely flammable gas



#### Precautionary statements

Prevention	Response	Storage	Disposal
Keep away from heat/sparks/open flames/hot surfaces. -No smoking.	Leaking gas fire: Do not extinguish, unless the leak can be stopped safely. Eliminate all ignition sources if safe to do so.	Store in a well-ventilated place.	Dispose of contents/container in accordance with local/regional/national/international regulations.

\*Non Hazardous according to European Commission Regulation (EC) No 1223/2009 and Cosmetic Ingredients Review.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Description:** Multi Component Mixture

SUBSTANCES	CAS NUMBER	EINECS/ELICS NUMBER	CONCENTRATION %	Hazard statement Code(s)
Butane, Propane, Isobutane (Petroleum gases, liquefied, if they contain > 0.1% w/w Butadiene)	-	-	20,00-25,00	Flam. Gas 1; H220 Press. Gas

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#### **SECTION 4: FIRST AID MEASURES**

##### **Description of first aid measures**

**Eye:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

**Skin Problem:** If skin problems occur, discontinue use of product. Get medical attention if irritation persists.

**Inhalation:** If respiratory irritation occurs, remove individual to fresh air. Then consult a doctor.

**Ingestion:** Not expecting.

##### **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

##### **Indication of any immediate medical attention and special treatment needed**

After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

**General information:** General first aid, rest, warm and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

#### **SECTION 5: FIREFIGHTING MEASURES**

##### **Extinguishing media**

**Suitable:** Use chemical foam, dry chemical, carbon dioxide

**Unsuitable:** Water, water spray

##### **Special hazards arising from the substance or mixture**

Container may rocket or explode in heat of fire.

##### **Advice for fire-fighters**

Contact emergency personnel. Flammable material. Explosive mixtures may form with air. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### **Personal precautions**

**Personal precautions:** None under normal use conditions.

**Advice for emergency responders:** UN No: 1950. Wear appropriate protective equipment. Spills will be slippery and highly flammable.

##### **Environmental protection measures**

**For Household Settings:** Do not expose to heat and flame. Use only in ventilated areas. Do not spray near flame or while smoking. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame

##### **Methods and material for containment and cleaning up**

**For Household Settings:** Ventilate area and eliminate all ignition sources.



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**For Non-Household Settings:** Ventilate area and eliminate all ignition sources. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

**For Household Settings:** Do not spray near flame or while smoking. Do not crush, puncture or incinerate. Keep away from face and mouth to avoid breathing it. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Do not crush, puncture or incinerate. Avoid extreme heat and ignition sources. Avoid spraying toward open flame. Avoid puncturing or otherwise damaging aerosol containers and packaging when using forklifts or other material handling equipment.

### Conditions for safe storage, including any incompatibilities

**For Household Settings:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. Avoid heat, sparks, flame, or smoking. Avoid extreme heat and ignition sources. Store away from oxidizers.

**For Non-Household Settings:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. Store in accordance with local requirements for Aerosol Level 3. Store away from oxidizers. Store in a well ventilated, cool area.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Workplace exposure standard (WorkSafe January 2018):

Propane is a simple asphyxiant and displaces oxygen from air. It presents an explosion hazard.

Butane TWA 800 ppm, 1900 mg/m<sup>3</sup>

LPG 1,000 ppm, 1800 mg/m<sup>3</sup>

### Exposure controls

#### **Personal protective equipment:**

**For Household Settings:** This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

**For Non-Household Settings:** Use in a well ventilated area. Use safety glasses or safety goggles if airborne mist hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing. This is a personal care or cosmetic product that is safe for consumers and other users under Secret Antiperspirant Deodorant Aerosol Page 4 of 6 normal and reasonably foreseen use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **Information on basic physical and chemical properties**

**Appearance:** Pink foam when sprayed

**Color:** Pink

**Odor:** Characteristic

**pH:** 8,0-9,5

**Density:** 0,95-1,05

**Flammability:** Flammable

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**Total Fatty Acid:** (%m/m) 6,5-11

## **SECTION 10: STABILITY AND REACTIVITY**

### **Reactivity**

Material is stable under non-emergency conditions.

### **Chemical stability**

These products are stable at room temperature in closed containers under normal storage and handling conditions.

### **Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

### **Conditions to avoid**

Avoid extreme heat and ignition sources. Store away from oxidizers.

### **Incompatible materials**

Keep away from strong oxidising agents alkalis and corrosive substances.

### **Hazardous decomposition products**

Decomposition will not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

### **Acute toxicity**

**Inhalation:** Not Available. Breathing of vapours at high concentration may cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness.

**Skin contact:** Unlikely to cause skin sensitisation.

**Eye contact:** Irritant to eyes. However splashes in the eye may cause stinging sensation and irritation and should be washed out with flowing water.

### **Chronic Toxicity**

No data available

**Carcinogenicity:** Finished product is not expected to be carcinogenic.

**Reproductive toxicity:** The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

**Mutagenic Effects:** There are no known mutagenic chemicals in this product.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

### **Persistence and degradability**

Not easily biodegradable

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**Bioaccumulative potential**

Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

**Mobility in soil**

No further relevant information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**For Household Settings:** The following instructions are for consumer usage only. Empty can through normal use as instructed on the can. If the can cannot be emptied due to malfunction of the nozzle, the product should be disposed of in a special waste collection for pressurized containers. A local waste handler should be contacted for additional information.

**For Non-Household Settings:** Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance.

**SECTION 14: TRANSPORT INFORMATION**

**ADR/IATA/IMDG**

**14.1. UN number**

UN1950

**14.2. UN proper shipping name**

AEROSOLS, flammable

**14.3. Transport hazard class(es)**

**Class:** 2.1

**Classification:** 5F

**Labels:** 2.1

**Transport category:** 2.1

**SECTION 15: REGULATORY INFORMATION**

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard -Yes  
Pressure Hazard - Yes  
Reactivity Hazard - No

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

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- Regulation (EC) No 1223/2009 Of The European Parliament And Of The Council of 30 November 2009 on cosmetic products.

**SECTION 16: OTHER INFORMATION**

**Additional information:** This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

This information is provided for documentation purposes only.

This product is not considered hazardous under normal conditions of use.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein believed to be true and accurate. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of information, the hazards connected with the use of material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user. This material safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees.

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**SECTION 1: IDENTIFICATION**

**Product identifier**

BIOREL Kids Bath Foam - Blue

**Identified Uses:** Cosmetic use, bath foam.

**Manufacturer Name:** AKFER MUHENDISLIK LTD. STI.

**Manufacturer Address:** Adnan Kahveci Mah. Gulyali Cad. No:5/35 Beylikduzu - Istanbul / TURKEY

**Tel:** +902128559747

**E-mail:** [biorel@akfer.com](mailto:biorel@akfer.com)

**SECTION 2: HAZARD(S) IDENTIFICATION**

**2.1. Classification of the substance or mixture (Classified in Accordance with Appendix B.3)**

Hazard category	Signal word	Hazard statement	Symbol
-----------------	-------------	------------------	--------

1

Danger

Extremely flammable gas



**Precautionary statements**

Prevention	Response	Storage	Disposal
Keep away from heat/sparks/open flames/hot surfaces. -No smoking.	Leaking gas fire: Do not extinguish, unless the leak can be stopped safely. Eliminate all ignition sources if safe to do so.	Store in a well-ventilated place.	Dispose of contents/container in accordance with local/regional/national/international regulations.

\*Non Hazardous according to European Commission Regulation (EC) No 1223/2009 and Cosmetic Ingredients Review.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Description:** Multi Component Mixture

SUBSTANCES	CAS NUMBER	EINECS/ELICS NUMBER	CONCENTRATION %	Hazard statement Code(s)
Butane, Propane, Isobutane (Petroleum gases, liquefied, if they contain > 0.1% w/w Butadiene)	-	-	20,00-25,00	Flam. Gas 1; H220 Press. Gas

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#### **SECTION 4: FIRST AID MEASURES**

##### **Description of first aid measures**

**Eye:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

**Skin Problem:** If skin problems occur, discontinue use of product. Get medical attention if irritation persists.

**Inhalation:** If respiratory irritation occurs, remove individual to fresh air. Then consult a doctor.

**Ingestion:** Not expecting.

##### **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

##### **Indication of any immediate medical attention and special treatment needed**

After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

**General information:** General first aid, rest, warm and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

#### **SECTION 5: FIREFIGHTING MEASURES**

##### **Extinguishing media**

**Suitable:** Use chemical foam, dry chemical, carbon dioxide

**Unsuitable:** Water, water spray

##### **Special hazards arising from the substance or mixture**

Container may rocket or explode in heat of fire.

##### **Advice for fire-fighters**

Contact emergency personnel. Flammable material. Explosive mixtures may form with air. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### **Personal precautions**

**Personal precautions:** None under normal use conditions.

**Advice for emergency responders:** UN No: 1950. Wear appropriate protective equipment. Spills will be slippery and highly flammable.

##### **Environmental protection measures**

**For Household Settings:** Do not expose to heat and flame. Use only in ventilated areas. Do not spray near flame or while smoking. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame

##### **Methods and material for containment and cleaning up**

**For Household Settings:** Ventilate area and eliminate all ignition sources.

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**For Non-Household Settings:** Ventilate area and eliminate all ignition sources. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

**For Household Settings:** Do not spray near flame or while smoking. Do not crush, puncture or incinerate. Keep away from face and mouth to avoid breathing it. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Do not crush, puncture or incinerate. Avoid extreme heat and ignition sources. Avoid spraying toward open flame. Avoid puncturing or otherwise damaging aerosol containers and packaging when using forklifts or other material handling equipment.

### Conditions for safe storage, including any incompatibilities

**For Household Settings:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. Avoid heat, sparks, flame, or smoking. Avoid extreme heat and ignition sources. Store away from oxidizers.

**For Non-Household Settings:** Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Keep from extreme cold. Store in accordance with local requirements for Aerosol Level 3. Store away from oxidizers. Store in a well ventilated, cool area.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Workplace exposure standard (WorkSafe January 2018):

Propane is a simple asphyxiant and displaces oxygen from air. It presents an explosion hazard.

Butane TWA 800 ppm, 1900 mg/m<sup>3</sup>

LPG 1,000 ppm, 1800 mg/m<sup>3</sup>

### Exposure controls

#### **Personal protective equipment:**

**For Household Settings:** This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

**For Non-Household Settings:** Use in a well ventilated area. Use safety glasses or safety goggles if airborne mist hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing. This is a personal care or cosmetic product that is safe for consumers and other users under Secret Antiperspirant Deodorant Aerosol Page 4 of 6 normal and reasonably foreseen use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **Information on basic physical and chemical properties**

**Appearance:** Blue foam when sprayed

**Color:** Blue

**Odor:** Characteristic

**pH:** 8,0-9,5

**Density:** 0,95-1,05

**Flammability:** Flammable

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**Total Fatty Acid:** (%m/m) 6,5-11

## **SECTION 10: STABILITY AND REACTIVITY**

### **Reactivity**

Material is stable under non-emergency conditions.

### **Chemical stability**

These products are stable at room temperature in closed containers under normal storage and handling conditions.

### **Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

### **Conditions to avoid**

Avoid extreme heat and ignition sources. Store away from oxidizers.

### **Incompatible materials**

Keep away from strong oxidising agents alkalis and corrosive substances.

### **Hazardous decomposition products**

Decomposition will not occur.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

### **Acute toxicity**

**Inhalation:** Not Available. Breathing of vapours at high concentration may cause dizziness, nausea, vomiting and/or CNS depression and loss of consciousness.

**Skin contact:** Unlikely to cause skin sensitisation.

**Eye contact:** Irritant to eyes. However splashes in the eye may cause stinging sensation and irritation and should be washed out with flowing water.

### **Chronic Toxicity**

No data available

**Carcinogenicity:** Finished product is not expected to be carcinogenic.

**Reproductive toxicity:** The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

**Mutagenic Effects:** There are no known mutagenic chemicals in this product.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

### **Persistence and degradability**

Not easily biodegradable

### **Bioaccumulative potential**



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Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

**Mobility in soil**

No further relevant information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**For Household Settings:** The following instructions are for consumer usage only. Empty can through normal use as instructed on the can. If the can cannot be emptied due to malfunction of the nozzle, the product should be disposed of in a special waste collection for pressurized containers. A local waste handler should be contacted for additional information.

**For Non-Household Settings:** Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance.

**SECTION 14: TRANSPORT INFORMATION**

**ADR/IATA/IMDG**

**14.1. UN number**

UN1950

**14.2. UN proper shipping name**

AEROSOLS, flammable

**14.3. Transport hazard class(es)**

**Class:** 2.1

**Classification:** 5F

**Labels:** 2.1

**Transport category:** 2.1

**SECTION 15: REGULATORY INFORMATION**

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- Immediate Hazard - Yes
- Delayed Hazard - No
- Fire Hazard -Yes
- Pressure Hazard - Yes
- Reactivity Hazard - No

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

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- Regulation (EC) No 1223/2009 Of The European Parliament And Of The Council of 30 November 2009 on cosmetic products.

**SECTION 16: OTHER INFORMATION**

**Additional information:** This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

This information is provided for documentation purposes only.

This product is not considered hazardous under normal conditions of use.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein believed to be true and accurate. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of information, the hazards connected with the use of material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user. This material safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees.

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