

# SAFETY DATA SHEET



## Blond Life Brilliant Tone Violet Smoothing Foam (6% VOC)

### 1. Identification of the material and supplier

#### Names

- Product name** : **Blond Life Brilliant Tone Violet Smoothing Foam (6% VOC)**
- Distributor** : Sabre Corporation PTY LTD  
Building 8, Suite 6, level 2 / 49 Frenchs Forest Road  
Forest Central Business Park  
Frenchs Forest, NSW, 2086
- Manufacturer** : Zotos International, INC  
100 Tokeneke Road,  
Darien, CT 06820  
www.zotos.com
- Emergency telephone number** : 131126

### 2. Hazards identification

- Classification** : Carc. Cat. 2; R45  
N; R50/53
- Risk phrases** : R45- May cause cancer.  
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Safety phrases** : S53- Avoid exposure - obtain special instructions before use.  
S2- Keep out of the reach of children.  
S29- Do not empty into drains.  
S61- Avoid release to the environment. Refer to special instructions/safety data sheet.
- Hazard statements** : CAUSES EYE AND SKIN IRRITATION.

NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED. Additional information on toxicological endpoints is available from the supplier upon request

### 3. Composition/information on ingredients

- Mixture** : Yes.

Ingredient name	CAS number	Concentration
hexadecan-1-ol	36653-82-4	2.85
Propane	74-98-6	2.75
Butane	106-97-8	1.50
Petrolatum	8009-03-8	1.43
Isobutane	75-28-5	0.75
Propan-2-ol	67-63-0	0.52

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

### 4. First aid measures

#### First aid measures

- Inhalation** : Move affected person to fresh air.
- Ingestion** : NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED. Treat symptomatically. Never give anything by mouth to an unconscious person. Call a physician.
- Skin contact** : Remove contaminated clothing and shoes. Wash with plenty of soap and water.

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### 4. First aid measures

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- Advice to doctor** : None.

### 5. Fire-fighting measures

- Extinguishing media** : Use dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray (fog).
- Special exposure hazards** : Flammable liquid. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits.
- Hazardous thermal decomposition products** : may be released including hydrofluoric and/or carbonyl halides
- Special protective equipment for fire-fighters** : Immediately contact emergency personnel. Flammable material In case of insufficient ventilation, wear suitable respiratory equipment.
- Hazchem code** : 2YE

### 6. Accidental release measures

- Personal precautions** : Flammable. Keep away from ignition sources such as heat/sparks/open flame. - No smoking. Do not get in eyes. Keep out of reach of children.
- Environmental precautions** : Leaking packages should be placed in open containers outdoors away from any source of ignition
- Methods for cleaning up** : Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Place spilled material in an appropriate container for disposal. After contact with skin, wash immediately with plenty of water.

### 7. Handling and storage

- Handling** : Keep away from ignition sources such as heat/sparks/open flame. - No smoking. Use only in well-ventilated areas. Avoid contact with ignition and heat sources and oxidizers. Do not spray on an open flame or other ignition source. Keep out of reach of children.
- Storage** : Avoid increased storage temperature. Keep away from ignition sources such as heat/sparks/open flame. - No smoking. Avoid contact with ignition and heat sources and oxidizers. Store away from oxidizing agents. Store in cool/well-ventilated place.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

Ingredient name	Exposure limits
hexadecan-1-ol	<b>TRGS900 AGW (Germany, 1/2012).</b> TWA: 200 mg/m <sup>3</sup> 8 hours. TWA: 20 ppm 8 hours. PEAK: 200 mg/m <sup>3</sup> 15 minutes. PEAK: 20 ppm 15 minutes.
Propane	<b>TRGS900 AGW (Germany, 3/2015).</b> TWA: 1800 mg/m <sup>3</sup> 8 hours. PEAK: 7200 mg/m <sup>3</sup> 15 minutes. TWA: 1000 ppm 8 hours. PEAK: 4000 ppm 15 minutes.
Butane	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 800 ppm 8 hours.
Isobutane	<b>ACGIH TLV (United States, 4/2014).</b> STEL: 1000 ppm 15 minutes.
Propan-2-ol	<b>Safe Work Australia (Australia, 1/2014).</b> STEL: 1230 mg/m <sup>3</sup> 15 minutes.

## 8. Exposure controls/personal protection

STEL: 500 ppm 15 minutes.  
TWA: 983 mg/m<sup>3</sup> 8 hours.  
TWA: 400 ppm 8 hours.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### Exposure controls

**Engineering measures** : In case of insufficient ventilation, wear suitable respiratory equipment.

**Hygiene measures** : When using do not eat, drink or smoke.

**Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Respiratory** : Chemical splash goggles. Protective clothing must be worn.

**Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

**Physical state** : Liquid.

**Color** : Violet.

**Odor** : Fragrance-like.

**Relative density** : 0.98 to 1

**pH** : 8.5 to 9.5

### Aerosol product

**Type of aerosol** : Foam

**Heat of combustion** : 2.306 kJ/g

**Flame duration** : Not available.

## 10. Stability and reactivity

**Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).

**Possibility of hazardous reactions** : Not available.

**Conditions to avoid** : Store away from direct sunlight. Avoid contact with ignition and heat sources and oxidizers. Store away from oxidizing agents.

**Materials to avoid** : Separate from oxidizing materials.

**Hazardous decomposition products** : Products of combustion

## 11. Toxicological information

### Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Eye contact** : No known significant effects or critical hazards.

### Acute toxicity

Product/ingredient name	Result	Dose	Exposure
hexadecan-1-ol	LD50 Oral	5 g/kg	-
Butane	LC50 Inhalation Vapor	658000 mg/m <sup>3</sup>	4 hours
Isobutane	LC50 Inhalation Vapor	658000 mg/m <sup>3</sup>	4 hours
Propan-2-ol	LD50 Dermal	12800 mg/kg	-
	LD50 Oral	5000 mg/kg	-

**Conclusion/Summary** : Not available.

### Potential chronic health effects

#### Chronic toxicity

**Conclusion/Summary** : Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Score	Exposure	Observation
hexadecan-1-ol	Eyes - Mild irritant	-	82 milligrams	-
	Skin - Mild irritant	-	100 Percent	-
	Skin - Moderate irritant	-	24 hours 100 milligrams	-
	Skin - Mild irritant	-	72 hours 75 milligrams	-
	Skin - Severe irritant	-	Intermittent	-
	Skin - Mild irritant	-	0.2 Percent	-
	Skin - Mild irritant	-	48 hours 50 milligrams	-
	Skin - Severe irritant	-	24 hours 100 milligrams	-
	Skin - Mild irritant	-	24 hours 2600 milligrams	-
	Skin - Severe irritant	-	24 hours 100 milligrams	-
Propan-2-ol	Eyes - Moderate irritant	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	-	10 milligrams	-
	Eyes - Severe irritant	-	100 milligrams	-
	Skin - Mild irritant	-	500 milligrams	-

**Conclusion/Summary** : Not available.

#### Sensitizer

**Conclusion/Summary** : Not available.

#### Carcinogenicity

**Conclusion/Summary** : Not available.

#### Mutagenicity

**Conclusion/Summary** : Not available.

#### Teratogenicity

**Conclusion/Summary** : Not available.

#### Reproductive toxicity

**Conclusion/Summary** : Not available.

## 11. Toxicological information

Product name	Carcinogenic effects	Mutagenic effects	Developmental effects	Fertility effects
Petrolatum	Carc. Cat. 2; R45	-	-	-

- Chronic effects** : No known significant effects or critical hazards.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Ingestion** : No specific data.
- Skin** : No specific data.
- Eyes** : Adverse symptoms may include the following:  
irritation  
redness
- Target organs** : Contains material which may cause damage to the following organs: lungs, heart, central nervous system (CNS).

## 12. Ecological information

THE FOLLOWING DATA IN THIS SECTION IS SOURCED FROM PUBLICLY AVAILABLE DATABASES AND NOT THE REPRESENTATION OF ANY DATA COLLECTED BY ZOTOS INTERNATIONAL OR ITS AFFILIATES.

- Ecotoxicity** : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
Propan-2-ol	Acute LC50 1400000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours

- Conclusion/Summary** : Not available.

### Other ecological information

#### Persistence/degradability

- Conclusion/Summary** : Not available.

### Bioaccumulative potential




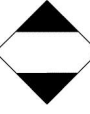


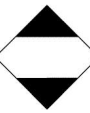


Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Propane	1.09	-	low
Butane	2.89	-	low
Petrolatum	6	-	high
Isobutane	2.8	-	low
Propan-2-ol	0.05	-	low

- Other adverse effects** : No known significant effects or critical hazards.

## 13. Disposal considerations

- Methods of disposal** : Dispose of according to all federal, state and local applicable regulations.

## 14. Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADG	UN1950	AEROSOLS	2.1	-		<p><b>Hazchem code</b> 2YE</p> <p><b>Special provisions</b> 63, 190, 277, 327</p>
ADR	UN1950	AEROSOLS	2	-	  	<p>The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.</p> <p><b>Limited quantity</b> LQ2</p> <p><b>Special provisions</b> 190 327 625</p> <p><b>Tunnel code</b> (D)</p>
IMDG	UN1950	AEROSOLS. Marine pollutant (cetrimonium chloride)	2.1	-	  	<p>The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.</p> <p><b>Emergency schedules (EmS)</b> F-D, S-U</p> <p><b>Special provisions</b> 63, 190, 277, 327, 959</p>
IATA	UN1950	Aerosols, flammable	2.1	-	 	<p>The environmentally hazardous substance mark may appear if required by other transportation regulations.</p> <p><b>Passenger and Cargo Aircraft</b> Quantity limitation: 75 kg Packaging instructions: 203</p> <p><b>Cargo Aircraft Only</b> Quantity limitation: 150 kg Packaging instructions: 203</p> <p><b>Limited Quantities - Passenger Aircraft</b> Quantity limitation: 30 kg Packaging instructions: Y203</p> <p><b>Special provisions</b> A145</p>

PG\* : Packing group

## 15. Regulatory information

### [Standard Uniform Schedule of Medicine and Poisons](#)

Not regulated.

### [Control of Scheduled Carcinogenic Substances](#)

**Australia inventory (AICS)** : All ingredients that are not contained in the AICS database are below registration thresholds.

## 16. Other information

**Date of issue** : 12/13/2018

### Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.