



COSMETIC PRODUCT SAFETY REPORT

Company Name:	Shantou Jaysuing Cleaning and Environmental Protection Technology Co., Ltd.
Company Address:	One Of No. 2120, West Tower, Huarun Building, No. 95 Changping Road, Longhu District, Shantou, 515000
Product Name:	JAYSUING Hair And Beard Growth Spray
Net weight:	100ML/3.38 FL.OZ per consumer product
Region of Origin:	China
Region of Destination:	EU
Version:	1.0
Date:	2025-02-22
Test Requested:	This Cosmetic Product Safety Report (CPSR) is carried out according to Regulation (EC) No. 1223/2009 and its amendments.
Test Results:	Please refer to the following pages

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PART A – Cosmetic product safety information

A.1 Quantitative and Qualitative Composition of Products

A.1.1 Nominal Composition

The table below shows the aggregated break-down components of all raw materials from the product. Substances may have more than one function in the product. If so, the main function is given.

INCI Name	CAS No.	Concentration (%)	Funtion
AQUA	7732-18-5	95.92	SOLVENT
GLYCERIN	56-81-5	4	SOLVENT
ZINGIBER OFFICINALE (GINGER) ROOT EXTRACT	-	0.02	SOLVENT
TOCOPHEROL	1406-18-4	0.02	SOLVENT
HYDROLYZED MILLET	-	0.02	SOLVENT
COLLAGEN	9007-34-5	0.02	SOLVENT

A.2 Physical chemical characteristics and stability of the cosmetic product

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A.2.1 Physical/chemical characteristics of Raw Materials

The raw materials specifications are available upon request.

A.2.2 Physical chemical specifications of the end product

The finished product specifications are available upon request.

A.2.3 End product stability

The stability evaluation of the above formula was conducted under different operating conditions in an appropriate packaging at 0 ± 1 °C, room condition, and 40 ± 2 °C, $60 \pm 5\%$ humidity for 3 months. The appearance, odor, pH value and packaging appearance examinations were carried out.

The compatibility between the formula and the packaging was also evaluated.

The overall results of these examinations allow it to be stated that the stability tests and compatibility tests are acceptable.

A.2.4 Durability (PAO)

It lies with the responsibility of manufacturer or responsible person to determine the product's minimum durability and period-after-opening (PAO) based on the above results from the product stability testing.

A.3 Microbiological quality

A.3.1 The microbiological specifications of the substance or mixture

The microbiological specifications of all raw materials are available upon request.

A.3.2 The microbiological testing results of end product

The microbiological testing results of end product according to European Pharmacopoeia 10.0 2.6.12 & 2.6.13 were listed below.

Items	Testing Results	Unit
Aerobic Plate Count	<10	CFU/g
Yeasts and Moulds	<10	CFU/g
<i>E. Coli</i> , <i>P. aeruginosa</i> , <i>S. aureus</i> , <i>C. albicans</i> , <i>bile-tolerant gram-negative bacteria</i> , <i>S. typhimurium</i> , <i>C. tetani</i>	Undetected	/g

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According to Appendix 9 of the 11th Revision of the NoG (SCCS/1628/21), the microbiological quality of this product was considered as acceptable for Category 1 products.

A.3.3 Results of preservation challenge test

The preservation challenge test result of this formulation according to European Pharmacopoeia 10.0 5.1.3 was listed below.

Micoorganisms	24H	7D	D14	D28
	Log reduction values			
<i>Escherichia coli</i>	2.9	4.4	-	NI
<i>Staphylococcus aureus</i>	2.7	4.3	-	NI
<i>Pseudomonas aeruginosa</i>	2.7	4.4	-	NI
<i>Candida albicans</i>	-		1.8	NI
<i>Aspergillus niger</i>	-		2.0	NI

Note: NI=No increase in number of viable micro-organisms compared to the previous reading

According to European Pharmacopoeia 10.0 5.1.3 Table 5.1.3-1. Criteria B, the preservation challenge test result of this formulation was considered as acceptable.

A.4 Impurities, traces and Information about the Packaging Material

A.4.1 Impurities and Traces of prohibited substances

The potential impurities and traces relevant for the raw materials were controlled via the raw material specifications. And the raw material specification are available upon request. This product does not contain any relevant impurity at significant levels, and the analytical testing results of heavy metals (below table) indicated the content of As, Hg, Pb, Sb, Cd and Ni (soluble) in this product were undetected and considered to be acceptable according to Bundesamt für Verbraucherschutz und Lebensmittelsicherheit (BVL) (published online: 06 Oct 2016) and German Health Authority BgA recommendations. Furthermore, in conformity with the article 3 of the regulation, the safety evaluation of this impurity and trace of prohibited substances is part of the safety evaluation of the cosmetic product.

Items	Testing Results	BVL (published online: 06 Oct 2016)	BgA recommendations
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Pb	<0.01	≤2.0a	-
Hg	<0.001	≤0.1	-
As	<0.005	≤0.5b	-
Sb	<0.005	≤0.5	-
Cd	<0.01	≤0.1	-
Ni (soluble)	<2	-	10

a For the product make-up powder, rough, eyeshadow, eyeliner, kajal, as well as theater, fan or carnival make-up: 5 mg/kg

b For theater, fan or carnival make-up: 2.5 mg/kg

A.4.2 Information about the Packaging Material

The relevant characteristics of packaging material and in depth knowledge of its raw materials, is based on supplier data. The material information of packaging was listed below.

No.	Part	Material
1	Bottle	PET
2	Cap	ABS
3	Inner plug	PE

The analytical testing results of immediate container indicated Pb, Cd, Hg and Cr (VI) were undetected with total amount less than 10 ppm.

A.5 Normal and Reasonably Foreseeable Use

The normal use and reasonably foreseeable uses of the product are described for the product type and determine the exposure and hazards used in the safety assessment. Product misuse is not considered.

A.5.1 Normal use and reasonably foreseeable use conditions:

The normal use of this product is to apply this product as makeup remover for face or eyes. Application of this product to other parts of body is not foreseeable.

A.5.2 Warning and other explanation in the product labelling of the product category relevant for safety evaluation

As the printed instructions of use and warning is clear to describe the product usage and appropriate enough to avoid misuse, no special warnings or instructions of use are further required.

A.6 Exposure to the product

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The exposure to the cosmetic product is described by the following items:

A.6.1 Product Type

This cosmetic product is applied as

Product Type: leave-on with retention factor of 0.1

A.6.2 Target Group

The target users for this product are: Adult. And the default adult body weight is 60 kg.

A.6.3 Area of application

The following exposure areas have been used in the Exposure calculations:

Area of application: skin

Application Surface area: 565 cm²

A.6.4 Routes of Exposure

The following exposure routes have been used in the Exposure calculations:

Routes of Exposure: Dermal

A.6.5 Amount per application

The following product quantity used per application has been used in the Exposure calculations:

Product Exposure: 5 g

A.6.6 Duration and Frequency

The following product use conditions have been used in the Exposure calculations:

Frequency of use: once per day

Exposure duration: 60 minutes

A.7 Exposure to the substances/impurities

Exposure to the substances/impurities has been calculated taking into account the potential exposure of product and the concentration of substances/impurities in the product. And exposure to aqua and sea water is not calculated as it is an innocuous and ubiquitous substance.

A.7.1 Exposure to the substance

INCI Name	Inclusion level (% w/w)	Total Systemic (SED) mg/kg bw/day	Local Dermal (CEL) µg/cm ²
AQUA	95.92	2.0825	221.25
GLYCERIN	4	0.41650833	44.250885
ZINGIBER OFFICINALE (GINGER) ROOT EXTRACT	0.02	0.4165	44.25
TOCOPHEROL	0.02	0.4165	44.25
HYDROLYZED MILLET	0.02	0.064134586	6.81381855

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INCI Name	Inclusion level (% w/w)	Total Systemic (SED) mg/kg bw/day	Local Dermal (CEL) µg/cm ²
COLLAGEN	0.02	0.064134586	6.81381855

A.7.2 Exposure to impurities

As there is no impurity at significant levels, there is no exposure calculation.

A.8 Toxicological Profile of the Substances

Toxicological Profiles are provided for all substances apart from those that are fragrances, regulated ingredients, substances assessed by external authoritative body (for example Cosmetic Ingredient Review (CIR), SCCS, etc), aqua or substances present at levels below a threshold of toxicological concern.

Accordingly, toxicological profiles of PARAFFINUM LIQUIDUM and SODIUM CHLORIDE are included here.

Toxicological profile of Paraffinum Liquidum (CAS# 8042-47-5)

Toxicological endpoints:

Acute toxicity: Its acute toxicity was practically non-toxic with oral LD₅₀ > 5000 mg/kg bw in rats and dermal LD₅₀ > 2000 mg/kg bw in rabbits[1] .

Skin irritation: According to acute irritation test in rabbits, it was found to be non-irritating to rabbit skin[1] .

Eye irritation: According to acute irritation test in rabbits, it was found to be non-irritating to eyes [1] .

Skin sensitization: Weight of evidence indicated it was not a skin sensitizer.

Repeated dose toxicity: No studies were available to evaluate the repeated exposure to mineral oils through dermal route. However, based upon the fact that there is no evidence to suggest significant percutaneous absorption, adverse effects are not expected following repeated dermal exposure . An ADI of 12 mg/kg bw/d for medium viscosity white mineral oils (kinematic viscosity between 8.5 - 11 mm²/s at 100 oC) based on a 2-year feeding study in the rats with NOAEL of 1200 mg/kg bw/d[2] .

Mutagenicity/Genotoxicity: Highly refined Mineral Oils are not considered as being mutagenic/ genotoxic[1] .

Carcinogenicity: It was found not to be carcinogenic in chronic feeding study in rats [2] .

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Reproductive toxicity: The data available from short-term and long-term studies in experimental animals exposed to mineral oil via oral, inhalation or skin exposure routes provide no evidence of reproduction/ developmental toxicity. Moreover, Mineral oil has not been detected in reproductive organs [1] .

Critical Point of Departure Value for MoS calculation

Critical Point of Departure Value	1200 mg/kg bw/d
Exposure Estimate	0.42 mg/kg bw/d
Margin of Safety (MoS)	2857

Regulatory Status - Not regulated in (EC) No 1223/2009 and without the assessment opinion from SCCS or CIR.

Conclusion

It was highly refined white mineral oil that are removed aromatic hydrocarbon during the refinery process, which complies with purity requirements of USP/NF/BP/JP/Ph.Eur. for Mineral Oil. And it is concluded that the currently available data is sufficient to consider it safe to be used as intended in this product.

Reference list:

[1] ECHA. Registration dossier of White mineral oil (petroleum) (CAS No. 8042-47-5). Last accessed on 2022-10-22@ <https://echa.europa.eu/registration-dossier/-/registered-dossier/15514>.

[2] EFSA. Scientific opinion on the safety assessment of medium viscosity white mineral oils with a kinematic viscosity between 8.5 - 11 mm²/s at 100 °C for the proposed uses as a food additive. EFSA Journal 2013;11(1):3073.

Toxicological profile of SODIUM CHLORIDE (CAS# 7647-14-5)

Toxicological endpoints:

Acute toxicity: It was recognized to be of none acute toxicity based on animal experimental data and human usage experience[1] .

Skin irritation: At physiological concentrations (0.9%) sodium chloride is not irritating to the eyes or skin. However, as concentration increases it can become moderately irritating to the eyes and skin, especially abraded skin[1] .

Eye irritation: At physiological concentrations (0.9%) sodium chloride is not irritating to the

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eyes or skin. However, as concentration increases it can become moderately irritating to the eyes and skin, especially abraded skin[1] .

Skin sensitization: It was not recognized to be a skin sensitizer based on animal experimental data and human usage experience [1] .

Phototoxicity: No data. But it was considered acceptable as it was demonstrated not to have significant UV absorption capacity[1] .

Repeated dose toxicity: Salt, also known as sodium chloride, is regulated by U.S. Food and Drug Administration (FDA) as a “generally recognized as safe” (GRAS) ingredient. A “GRAS” substance is one that has a long history of safe, common use in foods, or that is determined to be safe, for the intended use, based on proven science. The major adverse effect of increased sodium intake is elevated blood pressure. Higher blood pressure is an acknowledged risk factor for ischaemic heart disease, stroke and renal disease. For sodium, EFSA considers that 2.0 g sodium/day is a safe and adequate intake for the general adults. A salt intake of less than 5 grams (approximately 2g sodium) per person per day is recommended by WHO for the prevention of cardiovascular diseases, the leading cause of death globally [2] .

Mutagenicity/Genotoxicity: It is not mutagenic in vitro or in vivo [1] .

Carcinogenicity: It was not recognized as a human carcinogen [1] .

Reproductive toxicity: It was not recognized as a specific reproductive or developmental toxicant [1] .

Critical Point of Departure Value for MoS calculation

Critical Point of Departure Value	83 mg/kg bw/d
Exposure Estimate	0.03 mg/kg bw/d
Margin of Safety (MoS)	2767

Regulatory Status – Not regulated in (EC) No 1223/2009 and without the assessment opinion from SCCS or CIR.

Conclusion

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opinion from SCCS or CIR. Hence, based on the large safety margin, it can be concluded it is safe to be used as intended

in this product. Reference list:

[1] ECHA. Registration dossier of Sodium chloride (CAS No. 7647-14-5). Last accessed on 2022-09-28@<https://echa.europa.eu/registration-dossier/-/registered-dossier/15467>.

[2] WHO. Last accessed on 2022-09-28@ <https://www.who.int/data/gho/indicator-metadata-registry/imr-details/3082>.

A.9 Undesirable effects and serious undesirable effects

As at the date of this report the product has not yet been commercialized, therefore there are no data available from post marketing surveillance on undesirable effects or serious undesirable effects to the cosmetic product.

No relevant data on other cosmetic product are available.

A.10 Information on the Cosmetic Product

This product will be produced using Good Manufacturing Practice for Cosmetics according to US FDA CFSA Cosmetic Good Manufacturing Practice Guidelines with DEKRA Certificate DH2022GMP (D)0056.

PART B – Cosmetic Product Safety Assessment

B.1 Assessment conclusion

After overall evaluating the information in part A, this product can be assessed as safe for normal and reasonably foreseeable use in accordance with the European Cosmetics Regulation (EC) No 1223/2009.

The formulation does not contain forbidden or banned ingredients per Regulation (EC) No. 1223/2009 of the European Parliament and of the Council 30 November 2009 on Cosmetic Products and its amendments, and the safety assessment has been carried out in accordance with this regulation.

B.2 Labelled warnings and instructions of use

As the printed instructions of use and warning is clear to describe the product usage and appropriate enough to avoid misuse, no special warnings or instructions of use are further required.

B.3 Reasoning

B.3.1 Safety Evaluation of the Substances

All of the following ingredients have been assessed as safe for human health under normal and reasonably foreseeable conditions of use.

Substance Name	Inclusion Level (%)	Max.Use conc. (%)	Margin of Safety	Assessment Conclusion	Reference
AQUA	95.92	90	NA	Conforms to accepted external review in a product.	CIR Expert Panel.Safety assessment of ingredients used in cosmetics. IJT31(Suppl. 3): 269-295, 2012.
GLYCERIN	4	79.2	NA	Conforms to accepted external review in a product.	CIR Expert Panel.Safety assessment of ingredients used in cosmetics.IJT 38(Suppl. 3): 6-22, 2019.

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Substance Name	Inclusion Level (%)	Max.Use conc. (%)	Margin of Safety	Assessment Conclusion	Reference
ZINGIBER OFFICINALE (GINGER) ROOT EXTRACT	0.02	77.3	NA	Conforms to accepted external review in a product.	CIR Expert Panel.Safety assessment of ingredients used in Cosmetics. IJT 34(Suppl. 2): 5-69, 2015.
TOCOPHEROL	0.02	2857	NA	Conforms to accepted external review in a product.	See Section A.8
HYDROLYZED MILLET	0.02	10	NA	Conforms to accepted external review in a product.	See Section A.8
COLLAGEN	0.02	10	NA	Conforms to accepted external review in a product.	See Section A.8

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B.3.2 Safety Evaluation of the Product

This product along with all substances contained within the formulation of the product has been evaluated and found to be safe for its normal and reasonably foreseeable use based on submitted product information and other information publicly available.

The product will be produced with certified Good Manufacturing Practices for cosmetics. And the stability, microbiological quality, packaging, warnings and use instructions have been considered and taken into account as part of safety evaluation of this product. These aspects are covered under Sections A2, A3, A4 & A5 of the report.

Based upon the information supplied, unless otherwise stated in this report, it was assumed that neither this product, nor the ingredients used in the product, contained any impurities/contaminants that would cause harm to the health of a consumer. And this evaluation result is valid only to the conditions described herein. And any deviation from the above disclosed conditions will necessitate a new evaluation. Furthermore, if any serious undesirable effects attributed to the use of this product occurred, the safety assessor shall be informed immediately. Under such circumstances, a new safety assessment will be conducted, and conclusions may be revised.

B.4 Assessor's credentials and approval of part B

Dr. Raul Xin, EUROTOX Registered Toxicologist (ERT)

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Material Safety Data Sheet

Report No. SDS2025021523ZSXY

Date of Issue Feb.15.2025

Name of Sample: JAYSUING Hair And Beard Growth
Spray

Commissioner: Shantou Jaysuing Cleaning and
Environmental Protection Technology
Co., Ltd.

Issue Date: Feb-15-2025

Written by: Kenley

Date: Feb-15-2025

Approved by:

Date: Feb-15-2025



Material Safety Data Sheet

Report No. SDS2025021523ZSXY

Date of Issue Feb.15.2025

1.IDENTIFICATION

Product Identifier

Product Name JAYSUING Hair And Beard Growth Spray

Details of the supplier of the safety data sheet

Manufacturer /Supplier Shantou Jaysuing Cleaning and Environmental Protection Technology Co., Ltd.

Address One Of No. 2120, West Tower, Huarun Building, No. 95 Changping Road, Longhu District, Shantou, 515000

Tel 13342745877

Emergency Telephone 13342745877



2.HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

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

Principle routes of exposure:

Eye Contact: No effects expected.

Skin Contact: No effects expected.

Ingestion: Not Available

Inhalation: Not Available

Hazard information: This a a personal care or cosmetic product that is safe for consumers and other users under normal and reasonable use.No effects expected.

Medical conditions aggravated by exposure: None known

3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
AQUA	7732-18-5	95.92
GLYCERIN	56-81-5	4
ZINGIBER OFFICINALE (GINGER) ROOT EXTRACT	-	0.02
TOCOPHEROL	1406-18-4	0.02
HYDROLYZED MILLET	-	0.02
COLLAGEN	9007-34-5	0.02

4.FIRST-AID MEASURES

First Aid Measures

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General Advice	Provide this MSDS to medical personnel for treatment Always get medical attention when product is swallowed or when symptoms are significant or persist.
Eye Contact	Flush with water for 15 minutes.If irritation persists,call physician.
Skin Contact	Wash liberally with soap and water.If on clothes:Wash before reuse.
Inhalation	Not an expected route of exposure.
Ingestion	If patient is conscious and alert,dilute by drinking large quantities of water.Tf vomiting occurs spontaneously,keep head low to keep from breathing vomit into lungs.

Most important symptoms and effects

Symptoms	If in eyes:Possible mild irritation,watering or redness. If swallowed:Possible gastrointestinal irritation or disturbance. If on skin:Concentrate may cause redness,irritation or burning sensation with prolonged exposure.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5.FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical and carbon dioxide.Foam and water fog are effective but may cause frothing.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

This is a water based non-flammable product with no known fire or explosion hazards.

Hazardous Combustion Products Carbon oxides.

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.Cool containers exposed to fire with water.

6.ACCIDENTAL RELEASE MEASURES

Personal precautions,protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

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

Methods for Clean-Up SMALL SPILLS:Small spills (<1 gallon)maybe washed down a drain or cleaned up and disposed of into a sanitary sewer system.
LARGE SPILLS:Large spills (>1 gallon)should be contained and collected (by absorption or vacuuming)then disposed of properly.

7.HANDLING AND STORAGE

Precautions for safe handling

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Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Do not contaminate water, food, or feed. Do not reuse empty containers. Keep containers clean & closed.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep out of the reach of children.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Precautions for safe handling

Exposure Guidelines The following information is given as general guidance

Appropriate engineering controls

Engineering Controls Mechanical Ventilations (General): Normally sufficient
Local Exhaust: Not Normally Needed.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Not normally required under normal use conditions. Avoid eye contact when using.

Skin and Body Protection Gloves not required. This product is a skin cleanser and conditioner.

Respiratory Protection Not needed. General ventilation is normally adequate.

General Hygiene Considerations Do not get into eyes. Protect food & drink from contamination by product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Precautions for safe handling

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Appearance	Liquid	Odor	Tasteless
Color	Transparent	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	6.00-7.00		
Melting Point/Freezing Point	Not established		
Flash Point	100 °C / 212 F		
Evaporation Rate	Not determined		
Flammability (Solid,Gas)	Not established		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not available		
Vapor Pressure	Not available		
Vapor Density	Not established		
Specific Gravity	Not established		
WaterSolubility	1.00 to 1.02		
Solubility in othersolvents	Completely soluble		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	500-800 cps		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
Density			
lbs/gal	8.39-8.49		

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.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon dioxide (CO₂),Sulfur dioxide.

11.TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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Product Information

Eye Contact	May cause mild eye irritation.
Skin Contact	None,this product is a skin cleanser and conditioner.
Inhalation	Under normal conditions of intended use,this material is not expected to be an inhalation hazard.
Ingestion	Possible gastrointestinal irritation or disturbance.

Component Information

Information on physical,chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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Numerical measures of toxicity

Not determined

12.ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

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

Land transport (ADR/RID/GGVSE)

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This product is not regulated as a hazardous material or dangerous goods for transportation.

Sea transport (IMDG -Code/GGVSee)

This product is not regulated as a hazardous material or dangerous goods for transportation.

Air transport (ICAO -T/VIATA-DGR)

This product is not regulated as a hazardous material or dangerous goods for transportation.

Additional information

No relevant information available.

15.REGULATORY INFORMATION

International Inventories

Not determined

Legend:

TSCA -United States Toxic Substances Control Act Section 8(b)Inventory

DSL/NDL- 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

SARA313

Not determined

Us State Regulations

U.S.State Right-to-Know Regulations

Not determined

16.OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards Not determined
	0	0	0	
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	0	0	Not determined

Disclaimer

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The information provided in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.