

Material Safety Data Sheet

EMERGENCY PHONE NUMBER : 080-32-819-2126

SECTION I- IDENTITY

COMMON NAME: **JELLUA SQUIDINK ACTIVE SHAMPOO**

CHEMICAL FAMILY: Interface activator, silicone, surfactants and mixture of extracts.

SYNONYMS: Hair Shampoo

SECTION II - HAZARDOUS INGREDIENTS

PRINCIPLE HAZARDOUS COMPONENTS % : None

SARA requires submission of annual report of release of toxic chemicals that appear in 40 CFR 372.

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F.

SPECIFIC GRAVITY(H₂O=1) : 1.01

VAPOR PRESSURE(mmHg) : NA

VAPOR DENSITY (AIR=1) : > 1

EVAPORATION RATE(WATER=1) : 1

pH value @25°C 100% : 5.15

SOLUBILITY IN WATER : 85%

REACTIVITY IN WATER : None reactive

APPEARANCE AND ODER : dark brown liquid and characteristic fragrance

SECTION IV - FIRE FIGHTING MEASURES

FLASH POINT(TCC): 311°F.< (TCC)

LEL :Not determined

UEL: Not Determined

EXTINGUISHING MEDIA : Use water spray, dry chemical, water fog, regular foam or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

SPECIAL FIRE FIGHTING PROCEDURE : Water protective clothing and self-contained breathing apparatus with full-face shield. Toxic levels of carbon monoxide, carbon dioxide, and irritating amines. Irritating amines may be generated in the presence of an excess of heat.

UNUSUAL FIRE & EXPLOSION HAZARD: Toxic fumes may be released during thermal decomposition.

SECTION V- PHYSICAL HAZARDS

STABILITY : STABLE

CONDITIONS TO AVOID : None known

INCOMPATIBILITY(MATERIALS TO AVOID): None known

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide

HAZAROUS POLYMERIZATION : WILL NOT OCCUR CONDITON TO AVOID: None known

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: EYE: X, INHALATION: X, SKIN: X , INGESTION: X

SIGNES OR SYPTOMS OF EXPOSURE :

ACUTE AND CHRONIC OVEREXPOSURE:

Eyes: May cause irritation to the eye

Skin: May cause skin or scalp irritation.

Ingestion: May cause severe irritation and gastrointestinal damage.

MEDICAL CONDITIONS GENERALLY AGRIVATED BY EXPOSURE:

LIST AS CARCINOGEN OR POTENTIAL CARCINOGEN ?

NATIONAL TOXICICOLGY :No

I.A.R.C MONOGRAPHS : No

OSHA : No

EMERGENCY AND FIRST AID PROCEDURES:

1. EYES : Immediately flush skin with plenty of water for at least fifteen(15)minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician. Do not rub eyes.

2. SKIN : Immediately flush skin with plenty of water for at least fifteen(15)minutes while removing contaminated clothing and shoes. Thoroughly clean before reuse. Discard contaminated shoes and leather articles.

SECTION VII - SPECIAL PROTECTION INFORMATION

VENTILLATION:

LOCAL EXHAUST: Not required under normal use.

MECHANICAL (General): Not required

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: Not required under normal use

EYE PROTECTION: Not required under normal use.

SECTION VIII - SPECIAL PROTECTION AND SPILL/LEAK PROCEDURES

PRECAUTION TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

For normal consumer spills: Use water spray to dilute and/or wash away to sanitary drain.

For large spills: Shut off source of leak only if safe to do so. Contain spill. Recover free product. Clean up residue by flushing with water or use of an adsorbent material.

WASTE DISPOSAL METHODS: Do not landfill. Small (household) quantities may be disposed of via sewer.

Disposal is to de performed in accordance with federal, state and laws.

SECTION IX M- DATE AND SIGNATURE

This information relates only to the specific material and may not be valid for such material used in combination with and other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is products to satisfy himself as the suitability and completeness of such information for his own particular used.

Manufactured by: PL Cosmetic co, ltd

Date Issued: 29 - DEC - 2015

This submission of this MSDS may be required by law, but this is no assertion this the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.

Material Safety Data Sheet

EMERGENCY PHONE NUMBER : 080-32-819-2126

SECTION I- IDENTITY

COMMON NAME: **JELLUA SQUIDINK REPAIR TREATMENT CREAM**

CHEMICAL FAMILY: Interface activator, silicone, surfactants and mixture of extracts.

SYNONYMS: Hair Treatment

SECTION II - HAZARDOUS INGREDIENTS

PRINCIPLE HAZARDOUS COMPONENTS % : None

SARA requires submission of annual report of release of toxic chemicals that appear in 40 CFR 372.

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F.

SPECIFIC GRAVITY(H₂O=1) : 1.01

VAPOR PRESSURE(mmHg) : NA

VAPOR DENSITY (AIR=1) : > 1

EVAPORATION RATE(WATER=1) : 1

pH value @25°C 100% : 6.52

SOLUBILITY IN WATER : 85%

REACTIVITY IN WATER : None reactive

APPEARANCE AND ODER : dark grey cream and characteristic fragrance

SECTION IV - FIRE FIGHTING MEASURES

FLASH POINT(TCC): 311°F.< (TCC)

LEL :Not determined

UEL: Not Determined

EXTINGUISHING MEDIA : Use water spray, dry chemical, water fog, regular foam or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

SPECIAL FIRE FIGHTING PROCEDURE : Water protective clothing and self-contained breathing apparatus with full-face shield. Toxic levels of carbon monoxide, carbon dioxide, and irritating amines. Irritating amines may be generated in the presence of an excess of heat.

UNUSUAL FIRE & EXPLOSION HAZARD: Toxic fumes may be released during thermal decomposition.

SECTION V- PHYSICAL HAZARDS

STABILITY : STABLE

CONDITIONS TO AVOID : None known

INCOMPATIBILITY(MATERIALS TO AVOID): None known

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Material Safety Data Sheet

EMERGENCY PHONE NUMBER : 080-32-819-2126

SECTION I - IDENTITY

COMMON NAME: **JELLUA E. S. K**

CHEMICAL FAMILY: proteins and mixture of plant extracts.

SYNONYMS: Hair Styling Liquid

SECTION II - HAZARDOUS INGREDIENTS

PRINCIPLE HAZARDOUS COMPONENTS % : None

SARA requires submission of annual report of release of toxic chemicals that appear in 40 CFR 372.

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F.

SPECIFIC GRAVITY(H₂O=1) : 1.00

VAPOR PRESSURE(mmHg) : NA

VAPOR DENSITY (AIR=1) : > 1

EVAPORATION RATE(WATER=1) : 1

pH value @25°C 100% : 6.53

SOLUBILITY IN WATER : 100%

REACTIVITY IN WATER : None reactive

APPEARANCE AND ODER : clear ivory liquid and characteristic fragrance

SECTION IV - FIRE FIGHTING MEASURES

FLASH POINT(TCC): 311°F.< (TCC)

LEL :Not determined

UEL: Not Determined

EXTINGUISHING MEDIA : Use water spay, dry chemical, water fog, regular foam or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

SPECIAL FIRE FIGHTING PROCEDURE : Water protective clothing and self-contained breathing apparatus with full-face shield. Toxic levels of carbon monoxide, carbon dioxide, and irritating amines. Irritating amines may be generated in the presence of an excess of heat.

UNUSUAL FIRE & EXPLOSION HAZARD: Toxic fumes may be released during thermal decomposition.

SECTION V- PHYSICAL HAZARDS

STABILITY : STABLE

CONDITIONS TO AVOID : None known

INCOMPATIBILITY(MATERIALS TO AVOID): None known

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide

HAZAROUS POLYMERIZATION : WILL NOT OCCUR CONDITON TO AVOID: None known

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: EYE: X, INHALATION: X, SKIN: X , INGESTION: X

SIGNES OR SYPTOMS OF EXPOSURE :

ACUTE AND CHRONIC OVEREXPOSURE:

Eyes: May cause irritation to the eye

Skin: May cause skin or scalp irritation.

Ingestion: May cause severe irritation and gastrointestinal damage.

MEDICAL CONDITIONS GENERALLY AGRIVATED BY EXPOSURE:

LIST AS CARCINOGEN OR POTENTIAL CARCINOGEN ?

NATIONAL TOXICICOLGY :No

I.A.R.C MONOGRAPHS : No

OSHA : No

EMERGENCY AND FIRST AID PROCEDURES:

1. EYES : Immediately flush skin with plenty of water for at least fifteen(15)minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician. Do not rub eyes.

2. SKIN : Immediately flush skin with plenty of water for at least fifteen(15)minutes while removing contaminated clothing and shoes. Thoroughly clean before reuse. Discard contaminated shoes and leather articles.

SECTION VII - SPECIAL PROTECTION INFORMATION

VENTILLATION:

LOCAL EXHAUST: Not required under normal use.

MECHANICAL (General): Not required

SPECIAL: None

OTHER: None

PROTECTIVE GLOVES: Not required under normal use

EYE PROTECTION: Not required under normal use.

SECTION VIII - SPECIAL PROTECTION AND SPILL/LEAK PROCEDURES

PRECAUTION TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

For normal consumer spills: Use water spray to dilute and/or wash away to sanitary drain.

For large spills: Shut off source of leak only if safe to do so. Contain spill. Recover free product. Clean up residue by flushing with water or use of an adsorbent material.

WASTE DISPOSAL METHODS: Do not landfill. Small (household) quantities may be disposed of via sewer.

Disposal is to de performed in accordance with federal, state and laws.

SECTION IX M- DATE AND SIGNATURE

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Manufactured by: PL Cosmetic co, ltd

Date Issued: 11 April 2013

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46, Namdongdong-ro 197Beon-gil, Namdong-gu, Incheon, Korea.
TEL : 82-32-819-2129 FAX : 82-32-819-2137 <http://www.plcosmetic.co.kr>

Material Safety Data Sheet (MSDS)

Section 1: Chemical Product and Company Identification

Product Name : Jellua The Su: Injection

Contact Information:

PL COSMETICS CO., LTD.

46, Namdongdong-ro 197Beon-gil, NamDong-gu,
Incheon KOREA (postcode : 21643)

Chemical Family: Hair Conditioning Agent and mixture of extracts.

Synonym: Hair Conditioner

Emergency Telephone Number:
+ 82-32-819-2126

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Water	7732-18-5	< 90.5 %
Cetearyl Alcohol	8005-44-5	< 3.0 %
Amodimethicone	68554-54-1	< 2.0 %
Dipropylene Glycol	110-98-5	< 2.0 %
Stearamidopropyl Dimethylamine	7651-02-07	< 1.5 %
Fragrance	-	< 1.0 %

Toxicological Data on Ingredients: Not applicable

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: 212°F.< (TCC)

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of open flames and sparks, of heat.

1) Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

2) Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Safety glasses. Lab coat or Synthetic apron. Gloves (impervious).

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Appearance and Odor : White Lotion Phase and Characteristic Fragrance

Taste : Not available.

pH (1% soln/water) : (25°C 100%) : 7.00 ± 0.50

Boiling Point : Not applicable.

Melting Point : Not applicable

Critical Temperature: Not available.

Specific Gravity : 1.00 ± 0.01 (Water = 1)

Vapor Pressure : Not available.

Vapor Density : Not available.

Volatility : Not available.

Odor Threshold : Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water) : Not available.

Dispersion Properties : Not available.

Solubility : Soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: Stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Not available.

Special Remarks on Reactivity: Not available

Special Remarks on Corrosivity: Not available

Polymerization: Will not occur.

Section 11: Toxicological Information

PRIMARY ROUTE(S) OF ENTRY: Eye: X, Inhalation: X, Skin: X , Ingestion: X

SIGNES OR SYPTOMS OF EXPOSURE :

ACUTE AND CHRONIC OVEREXPOSURE:

Eyes: May cause irritation to the eye

Skin: May cause skin or scalp irritation.

Ingestion: May cause severe irritation and gastrointestinal damage.

MEDICAL CONDITIONS GENERALLY AGRIVATED BY EXPOSURE:

LIST AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICICOLGY : No **I.A.R.C MONOGRAPHS :** No **OSHA :** No

EMERGENCY AND FIRST AID PROCEDURES:

1. **EYES :** Immediately flush skin with plenty of water for at least fifteen(15)minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician. Do not rub eyes.

2. **SKIN :** Immediately flush skin with plenty of water for at least fifteen(15)minutes while removing contaminated clothing and shoes. Thoroughly clean before reuse. Discard contaminated shoes and leather articles.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

Section 14: Transport Information

DOT Classification : Not applicable.

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

UN number

ADR/RID : Not regulated.

IMDG : Not regulated.

IATA: Not regulated.

UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

Section 15: Other Regulatory Information

Federal and State Regulations : Not applicable.

Other Regulations : Not applicable.

Other Classifications : Not applicable.

Equipment : Not applicable.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 14. FEBRUARY. 2020.

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