SAFETY DATA SHEET

Alba 5 Embroidery Lube

SECTION 1: Identification

Product ID: 1605
Product Name: #1605 Alba 5 Embroidery Lube
Revision Date: Aug 25, 2025
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Manufacturer's Name: ALBATROSS USA, INC
Address: 36-41 36TH STREET
Long Island City, NY 11106
Emergency Phone: CHEMTREC US : 1-800-424-9300, INTERNATIONAL CALLS : 1-703-527-3887
Information Phone Number: 718-392-6272
Fax:
Product/Recommended Uses:

SECTION 2: Hazards Identification

Classification

Aerosols - Category 1
Aspiration Hazard - Category 1
Eye Irritation - Category 2A
Skin Irritation - Category 3
Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3
Safety data sheet prepared in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

Pictograms



Signal Word

Danger

Hazardous Statements – Physical

H222 - Extremely flammable aerosol
H229 - Contains gas under pressure; may explode if heated.

Hazardous Statements – Health

H304 - May be fatal if swallowed and enters airways H319 - Causes serious eye irritation
H316 - Causes mild skin irritation
H336 - May cause drowsiness or dizziness

Precautionary Statements – General

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.

Precautionary Statements – Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.
P233 - Keep container tightly closed.

Precautionary Statements – Response

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER/doctor if you feel unwell.

Precautionary Statements – Storage

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P405 - Store locked up.
P403 + P405 - Store in a well-ventilated place. Store locked up.

Precautionary Statements – Disposal

P501 - Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Hazards Not Otherwise Classified (HNOC)

None.

SECTION 3: Composition

CAS	Chemical Name	% By Weight
0068476-86-8	Petroleum gases, liquefied, sweetened	51% - 78%
0064742-55-8	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	17% - 26%
0000109-66-0	PENTANE	10%-26%
0000078-78-4	ISOPENTANE	0.1%-1.1%
0000287-92-3	CYCLOPENTANE	0.1%-1.1%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4: First-Aid Measures

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing.
If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor.
Eliminate all ignition sources if safe to do so.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.
IF exposed or concerned: Get medical advice/attention.

Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Ingestion

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

Most Important Symptoms and Effects, Acute or Delayed

No data available.

Immediate Medical Attention and Special Treatment, if necessary

No data available.

SECTION 5: Firefighting Measures

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.
Do not direct a solid stream of water or foam into hot, burning pools this may results in frothing and increase fire intensity.

Unsuitable Extinguishing Media

No data available.

Specific Hazards Arising from the Chemical

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force.

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a build up of internal pressures. Cool with water.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Container could potentially burst or be punctured upon mechanical impact.

Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Equipment

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6: Accidental Release Measures

Emergency Procedure

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Do not touch or walk through spilled material.
Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.
If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Protective Equipment

Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

SECTION 7: Handling and Storage

General

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.
Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.
Store at temperatures below 120°F.

SECTION 8) Exposure Control and Personal Protection

Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tabels (Z1,Z2,Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)
CYCLOPENTANE								600
ISOPENTANE								

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tabels (Z1,Z2,Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	500	2000			1			
PENTANE	1000	2950			1			120
Petroleum gases, liquefied, sweetened	500	2000			1			

Chemical Name	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
CYCLOPENTANE	1720				1000			
ISOPENTANE					1000			
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC					(L)[N159](L)[N800]	[(L)[N159](L)[N800]]; [5 (I) [N159]5 (I) [N800]];		
PENTANE	350				1000			
Petroleum gases, liquefied, sweetened								

SECTION 9: Physical and Chemical Properties

Physical and Chemical Properties

Density VOC Less H2O and Exempts	4.03409 lb/gal
VOC Regulatory(lb/gal)	4.03393 lb/gal
VOC Actual(g/l)	483.38600 g/l
VOC Regulatory(g/l)	483.38600 g/l
Density	5.04261 lb/gal
Density VOC	4.03393 lb/gal
% VOC	79.99700%
VOC Composite Partial Pressure	N/A

Appearance	N.A.
Odor Threshold	N/A
Odor Description	N/A
pH	N/A
Flammability	N/A
Water Solubility	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Evaporation Rate	N/A

SECTION 10: Stability and Reactivity

Chemical Stability
Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions/Polymerization
Will not occur.
Conditions To Avoid
Avoid heat, sparks, flame, high temperature and contact with incompatible materials.
Dropping containers may cause bursting.
Incompatible Materials
Avoid strong oxidizers, reducers, acids, and alkalis.
Hazardous Decomposition Products
No data available.

SECTION 11: Toxicological Information

Likely Route of Exposure
Inhalation, ingestion, skin absorption.
Skin Corrosion/Irritation
Prolonged or repeated contact with this product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin.
Causes mild skin irritation
Serious Eye Damage/Irritation
Eye contact may lead to permanent damage if not treated promptly.
Liquid or vapors may irritate the eyes.
Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Eye contact may lead to permanent damage if not treated promptly.
Causes serious eye irritation
Respiratory/Skin Sensitization
Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity
Based on available data, the classification criteria are not met.
Carcinogenicity
Based on available data, the classification criteria are not met.
Reproductive Toxicity
Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure
May cause drowsiness or dizziness
Specific Target Organ Toxicity - Repeated Exposure
Causes damage to organs through prolonged or repeated exposure.
Aspiration Hazard
May be fatal if swallowed and enters airways
Acute Toxicity
If inhaled, may cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heart beats.
Chronic Exposure
Based on available data, the classification criteria are not met.
Likely Routes of Exposure
Inhalation, Ingestion, Skin contact, Eye contact
Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Potential Health Effects - Miscellaneous
Based on available data, the classification criteria are not met.

0064742-55-8 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC
LC50 (Rodent - rat, Inhalation): 3900 mg/m3/4H
0000109-66-0 PENTANE
LC50 (rat): 117000 ppm (364000 mg/m3) (4-hour exposure) (12, unconfirmed)
0000078-78-4 ISOPENTANE
LC50 (mouse): 140,000 ppm (2-hour exposure).(3)

SECTION 12: Ecological Information

Ecotoxicity

Based on available data, the classification criteria are not met.

Persistence and Degradability

No data available.

Bioaccumulative Potential

No data available.

Mobility in Soil

0064742-55-8 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

Other Adverse Effects

No data available.

SECTION 13: Disposal Considerations

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14: Transport Information

U.S. DOT Information

Ground Transportation: (Continental United States, Canada & Mexico): UN1950, AEROSOLS, 2.1, LTD QTY

IMDG Information

Shipping Name: Aerosols
UN/NA #: UN1950
Hazard Class: 2.1
Required Mark: Limited Quantity
Marine Pollutant: No data available

IATA Information

UN1950, AEROSOLS, 2.1, LTD QTY

SECTION 15: Regulatory Information

CAS	Chemical Name	% By Weight	Regulation List
0068476-86-8	Petroleum gases, liquefied, sweetened	51% - 78%	DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0064742-55-8	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	17% - 26%	DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA)
0000109-66-0	PENTANE	10% - 23%	Canada_NPRI, DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000078-78-4	ISOPENTANE	0.1% - 1.1%	Canada_NPRI, DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)
0000287-92-3	CYCLOPENTANE	0.1% - 1.1%	DSL - Domestic Substance List, SARA312, VOC, TSCA - Toxic Substances Control Act (TSCA)

Product does not contain any chemicals listed under California Proposition 65

SECTION 16: Other Information

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDGCanadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; N.A. - Not Available; NFPANational Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

Version 1.0:

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