

# SAFETY DATA SHEET

## Section 1 - Product and Company Identification

Product Name: ALPHANAMEL

**Company Identification:**

**Alpha 6 L.L.C.**

15336 Dale

Detroit, MI 48223

For emergencies involving a spill, leak, fire, exposure,  
or accident - Contact INFOTRAC phone: (800)-535-5053

Product Use: PAINT - Industrial and Professional Use Only.

Not recommended for: N/A

## Section 2 - Hazards Identification

**GHS Ratings:**

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Skin corrosion/irritation	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Reproductive toxin	1B	Presumed, Based on experimental animals
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity $\geq 20.5$ mm <sup>2</sup> /s at 40° C.

**GHS Hazards**

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H316	Causes mild skin irritation
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child

**GHS Precautions**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces - NO SMOKING
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P280	Wear protective gloves/protective clothing/eye protection/face protection

P281	Use personal protective equipment as required
P331	Do NOT induce vomiting
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P370+P378	In case of fire: Use appropriate media to extinguish
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container that comply with local, State, Federal, or International regulations as applicable.

**Signal Word: Danger**



### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Ethylbenzene	100-41-4	0.10%
Titanium dioxide	13463-67-7	25.00%
Petroleum distillates, hydrotreated light	64742-47-8	5.00% - 10.00%
Naphtha, petroleum, hydrotreated heavy	64742-48-9	0.10% - 1.00%
Solvent naphtha, petroleum, light aromatic	64742-95-6	1.00% - 5.00%
Stoddard solvent	8052-41-3	10.00% - 20.00%
2-Butanone, oxime	96-29-7	0.20%
Cumene	98-82-8	0.20%

### Section 4 - First Aid Measures

**Inhalation:**

Move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention immediately.

**Eye contact:**

Rinse immediately with plenty of clean water for at least 15 minutes. Remove contact lenses and flush under eyelids too. Seek medical attention.

**Skin contact:**

Wash thoroughly with soap and water while removing contaminated clothing/shoes. Seek medical attention if skin is damaged, or if pain/irritation develops or persists.

**Ingestion:**

Do not induce vomiting. Keep respiratory tract clear. Never give anything by mouth to an unconscious person. Contact a physician or poison control center immediately.

### Section - 5 Fire Fighting Measures

Flash Point: 39 C (102 F)

LEL: 1.00

UEL: 7.00

**Extinguishing Media:**

Foam, CO<sub>2</sub>, Dry Chemical. Water spray may be ineffective. However, water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion from heating.

**Unusual Fire and Explosion Hazards:**

Handle as ignitable liquid. Keep containers tightly closed and isolate from heat, electrical equipment, sparks, or flame. Vapors form an explosive mixture in air between the upper and lower explosive limits. Never use welding or cutting torch on or near a drum (even empty) because product (even residue) can ignite explosively. Avoid spontaneous combustion of soiled rags, steel wool, spray booth filters and other waste material contaminated with this product by immediately immersing them in a sealed, water filled metal container prior to disposal.

**Hazardous Combustion Products:**

Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons, and other products of incomplete combustion.

**Firefighting Procedure:**

Full protective equipment and self contained breathing apparatus should be used.

## Section 6 - Accidental Release Measures

**Spill Leak / Procedures:**

Eliminate all sources of ignition (flames, electrical, static, or frictional sparks. Avoid breathing vapors. Ensure adequate ventilation. Wear appropriate personal protective equipment.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See section #12 for further Ecological information.

**Methods and Materials for Containment and Cleaning Up:**

Contain spillage. Then collect with inert absorbent material and non-sparking tools. Dispose of in accordance with applicable regulations.

## Section 7 - Handling and Storage

**Handling Precautions:**

Do not use until all safety precautions have been read and understood. Use personal protection found in section 8. Smoking, eating, or drinking should be prohibited in the application area.

**Storage Requirements:**

Store in accordance with local regulations. Keep away from excessive heat, sparks, and open flames. Previously opened containers, carefully reseal. Keep containers closed and upright when not in use.

## Section 8 - Exposure Control and Personal Protection

**Engineering Controls:**

Provide general clean air dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the lower explosion limit and applicable exposure limits.

Provide readily accessible eye wash station and safety showers.

Use of protective creams, head caps etc, is recommended.

Avoid contact with contaminated clothing. Wash contaminated clothing, including shoes, before reuse.

Electrical equipment must comply with the National Electrical Code for this environment.

**Personal Protective Equipment****Respiratory Protection:**

Wear an appropriate, properly fitted respirator (NIOSH approved) during the use of this product until vapor and mists are exhausted, unless air monitoring demonstrates vapor and mist levels are below applicable exposure limits.

**Skin and Body Protection:**

Use chemical/solvent impermeable gloves to avoid contact with product. Wear suitable protective clothing.

**Eye Protection:**

Use safety eyewear with splash guards or side shields, chemical goggles, face shields.

## Section 9 - Physical and Chemical Properties

<p><b>Explosive Limits:</b> 1% - 7%</p> <p><b>Autoignition temperature:</b> 226°C</p> <p><b>Physical State</b> Liquid</p> <p><b>COATING VOC #/G</b> 3.221</p> <p><b>Vapor Pressure:</b> 2.2 mmHg</p> <p><b>Vapor Density</b> Heavier than air.</p> <p><b>Specific Gravity</b> 1.17</p> <p><b>Freezing point:</b> No Data Found</p> <p><b>Boiling range:</b> 138 - 210°C</p> <p><b>Evaporation Rate</b> Slower than ether.</p> <p><b>Flammability:</b> No Data Found</p>	<p><b>Partition coefficient (n- octanol/water):</b> No Data Found</p> <p><b>Decomposition temperature:</b> No Data Found</p> <p><b>Coating VOC g/L</b> 385.95</p> <p><b>Odor</b> Aromatic-Like</p> <p><b>Odor threshold:</b> No Data Found</p> <p><b>pH:</b> No Data Found</p> <p><b>Melting point:</b> No Data Found</p> <p><b>Solubility:</b> No Data Found</p> <p><b>Flash point (TCC):</b> 102°F, 39°C</p> <p><b>Appearance</b> White, Colors and Clear.</p> <p><b>Viscosity</b> No Data Found</p>
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## Section 10 - Stability and Reactivity

**Conditions to Avoid:**

Open flames, heat, sparks, and other ignition sources.

**Stability:**

STABLE

**Materials to Avoid:**

Strong acids, alkalis, strong oxidizers.

No Data Found

**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons.

No Data Found

Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

**Mixture Toxicity**

Inhalation Toxicity LC50: 1,549mg/L

**Component Toxicity**

100-41-4

Ethylbenzene

Oral LD50: 3,500 mg/kg (Rat) Inhalation LC50: 17 mg/L (Rat)

96-29-7

2-Butanone, oxime

Oral LD50: 930 mg/kg (Rat) Dermal LD50: 0 mg/kg (Rabbit) Inhalation LC50: 20 mg/L (Rat)

**Routes of Entry:**

No Data Found

Exposure to this material may affect the following organs:

Eyes

Kidneys

Central Nervous System

Skin

Respiratory System

**Effects of Overexposure**

## Section 12 - Ecological Information

### Component Ecotoxicity

Ethylbenzene	96 Hr LC50 Oncorhynchus mykiss: 11.0 - 18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55 - 11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1 - 15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static] 48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L 72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]
Petroleum distillates, hydrotreated light	96 Hr LC50 Pimephales promelas: 45 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 2.2 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 2.4 mg/L [static]
Naphtha, petroleum, hydrotreated heavy	96 Hr LC50 Pimephales promelas: 2200 mg/L
Solvent naphtha, petroleum, light aromatic	96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L 48 Hr EC50 Daphnia magna: 6.14 mg/L
2-Butanone, oxime	96 Hr LC50 Pimephales promelas: 777 - 914 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: 760 mg/L [static] 48 Hr EC50 Daphnia magna: 750 mg/L 72 Hr EC50 Desmodesmus subspicatus: 83 mg/L
Cumene	96 Hr LC50 Pimephales promelas: 6.04 - 6.61 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 4.8 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.7 mg/L [semi-static]; 96 Hr LC50 Poecilia reticulata: 5.1 mg/L [semi-static] 48 Hr EC50 Daphnia magna: 0.6 mg/L; 48 Hr EC50 Daphnia magna: 7.9 - 14.1 mg/L [Static] 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 mg/L

## Section 13 - Disposal Considerations

Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state, and federal regulations. Do not incinerate closed containers. Incinerate in approved facility. Obey relevant laws.

## Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	PAINT, NOT DOT REGULATED MATERIALS MEETS COMBUSTIBLE EXEMPTION			
GOVERNMENT PAINT		UN1263	PGIII	3

## Section 15 - Regulatory Information

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!  
This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- 100-41-4 Ethylbenzene Carcinogen
- 98-82-8 Cumene Carcinogen
- 13463-67-7 Titanium dioxide Carcinogen

SARA 313 Reportable Components:

100-41-4 Ethylbenzene 0 %

98-82-8 Cumene 0 %

**EU Risk Phrases**

**Safety Phrase**

- None

**Section 16 - Other Information**

**Hazardous Material Information System (HMIS)**

HEALTH	<input type="text"/>	1
FLAMMABILITY	<input type="text"/>	2
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

**HMIS & NFPA Hazard Rating**

**Legend**

\* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

To the best of our knowledge, the information contained herein is based on data from manufacturers and/or recognized technical sources. No warranty expressed or implied is made. Alpha 6 L.L.C. assumes no responsibility for damage to person, property, or business caused by this material. It is the responsibility of the purchaser or user of the material to ensure that it is properly used.