

SAFETY DATA SHEET

in accordance with the requirements of US 29 CFR 1910.1200

Applies to bulk product in manufacturing and shipping settings.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CLEAN: FRESH LINENS E_9017360@15

SYNONYMS: N/A

PRODUCT CODES: N/A

MANUFACTURER: CONTRACT FILLING INC.

ADDRESS: 10 CLIFFSIDE DR. CEDAR GROVE, NJ 07009

PHONE: 973-239-6608

Information Telephone Number: 973-239-6608

CHEMTREC EMERGENCY PHONE: 1-800-424-9300

SECTION 2: HAZARD(S) IDENTIFICATION

Physical State: Liquid Form: Liquid Color: None Odor: Fragranced Water Solubility: Soluble

Emergency Overview

HAZARD PICTOGRAMS:



SIGNAL WORD

Danger

HAZARD STATEMENTS:

H225: HIGHLY FLAMMABLE LIQUID AND VAPOUR.
 H317: MAY CAUSE AN ALLERGIC SKIN REACTION.
 H319: CAUSES SERIOUS EYE IRRITATION.
 H361: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD

PRECAUTIONARY STATEMENTS:

Prevention:

- 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/lighting equipment.
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264: Wash skin thoroughly after handling.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P280: Wear protective gloves/eye protection/face protection.
- P281: Use personal protective equipment as required.

Response:

- P303 + P361 + P353: If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305 + P351 + P338: If in Eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313: If exposed or concerned, get medical advice/attention.
- P333 + P313: If skin irritation persists, get medical advice/attention.
- P337 + P313: If eye irritation persists, get medical advice/attention.
- P363: Wash contaminated clothing before reuse.
- P370 + P378: In case of fire, use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

- P403 + P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

Disposal:

- P501: Dispose of contents/container to an approved waste disposal plant.

POTENTIAL HEALTH EFFECTS

PLEASE NOTE: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested as higher concentrations or at full strength.

Route(s) of Entry:	Target Organ: Potential Effects (s)
Inhalation:	Reproductive organs: Reproductive toxicity, damage, adverse reproductive effect. Respiratory system: May cause necrosis. Skin: May cause sensitization. Central nervous system: Damage, may cause anesthetic effects. May cause dizziness. May cause fatigue. May cause headache, nervousness, tremors. Gastrointestinal tract: Damage, may cause gastrointestinal disturbances. May cause nausea. Liver: May cause damage.
Skin Contact:	Skin: Damage, local irritation. May cause sensitization, phototoxicity. Kidney: May cause damage. Reproductive organs: Reproductive toxicity, damage, adverse reproductive effects. Adrenal gland: May cause damage. Testes: May cause damage. Central nervous system: Damage. Gastrointestinal tract: Damage, may cause gastrointestinal disturbances. Liver: May cause damage.
Eye Contact:	Central nervous system: Damage. Eyes: Damage, local irritation. May cause damage. May cause local irritation.
Ingestion:	Male reproductive system: May cause damage. Kidney: May cause damage. Reproductive organs: Reproductive toxicity, damage, adverse reproductive effects. Adrenal gland: May cause damage. Testes: May cause damage. Central nervous system: Damage. Gastrointestinal tract: Damage, may cause gastrointestinal disturbances. Liver: May cause damage.

Carcinogenicity:

IARC	Remarks:	No component of this product present at levels greater than or equal to 0.10% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	Remarks:	No component of this product present at levels greater than or equal to 0.10% is identified as probable, possible or confirmed human carcinogen by OSHA.
NTP	Remarks:	No component of this product present at levels greater than or equal to 0.10% is identified as probable, possible or confirmed human carcinogen by NTP.
ACGIH	Remarks:	No component of this product present at levels greater than or equal to 0.10% is identified as probable, possible or confirmed human carcinogen by ACGIH.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**Hazardous Components**

<u>Component</u>	<u>CAS No.</u>	<u>Concentration (%)</u>
Ethanol	64-17-5	50.00 - 80.00
Fragrances	N/A	6-22
Water	7732-18-5	1.9-17.9
Glycerin	56-81-5	< 1

SECTION 4: FIRST AID MEASURES

General Advice:	Consult a physician.
Inhalation:	If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Remove the person to fresh air and keep at rest. Obtain medical advice immediately.
Skin contact:	In the event of any complaints or symptoms, avoid further exposure. Immediately flush skin with large amounts of water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse. Discard contaminated shoes.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Remove contact lenses, if present and continue rinsing. Get medical attention.
Ingestion:	If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: FIRE-FIGHTING MEASURES**Flammable properties**

FLASH POINT:	Below 69°F (21° C)	Method: ASTM-D-56 Tag Closed Cup Tester
BOILING POINT:	177.44° F (80.8°C)	
SPECIFIC GRAVITY:	0.8608 at 77°F (25°C)	

Fire Fighting

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Further information:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion, do not breathe fumes.

Protective equipment and precautions for firefighters

Specific hazards during firefighting:	Do not use a solid water stream, as it may scatter and spread fire. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Exposure to decomposition products may be a hazard to health. Vapors may travel back to ignition source. Closed containers exposed to heat may explode.
Special protective equipment for firefighters:	Wear self contained breathing apparatus for fire fighting, if necessary. Full protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Person precautions: Evacuate personnel to safe areas.
Remove all sources of ignition.
Use personal protective equipment as required.
Material can create slippery conditions.
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Keep people away from and upwind of spill/leak.
In the case of velour formation, use a respirator with an approved filter.

Environmental precautions Dispose in accordance with local regulations.
Local authorities should be advised if significant spillages cannot be contained.
Retain and dispose of contaminated wash water.
Exposure to decomposition products may be a hazard to health.

Methods for containment / Remove all sources of ignition.
Methods for clearing up: Use only non-sparking tools.
Contain spillage and then collect with non-combustible absorbent material, (e.g., sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7: HANDLING AND STORAGE

Handling

Advice on safe handling: Avoid contact with skin and eyes.
For personal protection see Section 8.
Open drum carefully as content may be under pressure.
Use on in well ventilated area and use appropriate respiratory protection.
When using, do not eat, drink or smoke.
Keep away from heat, sparks, open flames, hot surfaces. NO SMOKING.
Handle and open container with care.

Advice on protection against fire and explosion: Use explosion-proof equipment
P210: Keep away from heat and sources of ignition. No smoking.

Storage

Requirement for storage areas and containers: P403: Keep container tightly closed in a dry and well ventilated place.
P235: Store in a cool place.
P405: Store in lock up.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure guidelines:**

Components	Cas No.	Type	Value	Basis	Revision
Ethanol	64-17-5	TWA	1,000 ppm	ACGIH	2009 01-01
			UPPER RESPIRATORY TRACT IRRITATION		
Ethanol	64-17-5	TWA	1,000 PPM 1,900 MG/M3	OSHA Z-1	1997 08-04
			(b) THE VALUE mg/m3 IS APPROXIMATE		
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m3	OSHA P0	1989 01-19
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m3	NIOSH REL	

Engineering Measures:

Use only with adequate ventilation.

Personnel Protection Equipment:

Protective measures:	When using, do not eat, drink or smoke. Wear suitable protective equipment.
Eye protection:	Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant goggles must be worn. Use a full face shield during handling.
Hand protection:	Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin and body protection:	Wear the following personal protective equipment: impervious clothing.
Respiratory protection:	In the absence of engineering controls that prevent exposure, NIOSH approved respiratory protection appropriate for the specific workplace conditions must be used.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing and protective equipment before entering eating areas. Wash hands before break and immediately after handling the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Appearance:**

Physical State:	Liquid
Color:	Uncolored
Odor:	Fragranced
Taste:	No data available.

Safety Data:

Flash Point:	65°F (18.3°C)	Method: ASTM-D-56 Tag Closed Cup Tester
Boiling Point:	N/A	
Specific Gravity:	0.84-0.87	
Bulk Density:	N/A	
Solubility in Water:	Soluble	
Percent Wt./Wt. VOC:	75	
Percent Fragrance:	15.00%	
Volatile Constituent:	SD Alcohol 40-B 190 Proof Grain	
% Volatile Constituent:	< 80%	

SECTION 10: STABILITY AND REACTIVITY

Stable under normal conditions.

Conditions to avoid: Extremes of temperature and direct sunlight.
Avoid strong oxidizing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

For information regarding potential health effects, please refer to Section 2.

Acute Toxicological Data: None Known
Carcinogenicity: No data available
Neurotoxicity: No data available
Reproductive effects: No data available
Epidemiology: May cause slight rash or irritation upon long term exposure.

Important Warning Information

The International Agency for Research for Cancer (IARC) has concluded: "There is inadequate evidence for the carcinogenicity of ethanol and of alcoholic beverages in experimental animals. There is sufficient evidence for the carcinogenicity of alcoholic beverages in humans. Alcoholic beverages are carcinogenic to humans." There is no evidence that occupational exposure can cause such effects. This products contain Ethanol (CAS RN 64-17-5) at concentration of 1.00% or greater.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information is not reported.
Environmental Fate: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

General Information: P501: Disposal should be in accordance with local, state and federal regulations.
The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.

SECTION 14: TRANSPORT INFORMATION**49CFR**

NA/UN Number: 1266
Proper Shipping name: Perfumery products
Class: 3
Packing group: II
Labels: 3
Emergency response: 127

IATA (AIR TRANSPORTATION)

NA/UN Number: 1266
Proper Shipping name: Perfumery products
Class: 3
Packing group: II
Labels: 3
Packing instruction (cargo: aircraft): 364
Packing instruction (passenger aircraft): 352
Packing instruction (passenger aircraft): Y341

IMDG (WATER TRANSPORTATION)

NA/UN Number: 1266
Proper Shipping name: Perfumery products
Class: 3
Packing group: II
Labels: 3
EmS Number 1: F-E
EmS Number 2: S-D

SECTION 15: REGULATORY INFORMATION

Only relevant information is reported.

SECTION 16: OTHER INFORMATION**HMIS**

Classification: Health: 2
Flammability: 3
Physical Hazard: 0
Personal protection: X

NFPA

Classification: Health Hazard: 2 (Hazardous)
Fire Hazard: 3 (Flash point below 73°F)
Reactivity Hazard: 0 (Stable)
Special Hazard: X

NEW JERSEY RIGHT-TO-KNOW ACT:

This product contains the following chemicals subject to the reporting requirements of the NEW JERSEY RIGHT-TO-KNOW ACT.

<u>CHEMICAL</u>	<u>CAS NO.</u>
DENATURED ETHYL ALCOHOL	00064-17-5

CANADA WHMIS REGULATION:

Health Hazard Classification: SUBDIVISION B DIVISION 2 CLASS D
Flammability Classification: CLASS B DIVISION 2 CLASS 3

EEC RISK LABELING STATEMENT:

Classification in Accordance to EC Regulations 67/548 and 88/379:

DEPARTMENT OF TRANSPORTATION LABELING REQUIREMENTS (49 CFR 171,172,173,175)
DENATURED ETHYL ALCOHOL

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