



SAFETY DATA SHEET

Proprietary Solvent III-3, 200 Proof

This SDS is valid for all grades and catalog #'s

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF SUPPLIER

Product Identifier: Denatured Ethanol
Synonyms: Denatured Alcohol; Ethanol denatured with Methanol, MIBK, Ethyl Acetate, Denatonium Benzoate and Rubber Solvent
Other means of identification: Not available
Recommended use of the chemical and restrictions on use:
General use solvent

Supplier Details:

Greenfield Global USA, Inc.
58 Vale Road, Brookfield,
CT 06804, USA.
Tel: 203.740.3471
Fax: 203.740.3481
CCN17213

Greenfield Global USA, Inc.
1101 Isaac Shelby Drive, Shelbyville,
KY 40065, USA.
Tel: 502.232.7600
Fax: 502.633.6100
CCN17213

Emergency Contact: CHEMTREC: 1.800.424.9300 (USA) / +1.703.527.3887 (International)

2. HAZARDS IDENTIFICATION

Emergency Overview:

This material is HAZARDOUS by OSHA Hazard Communication definition. Flammable Liquid. Material can burn with little or no visible flame. May be irritating to the eyes, skin, and respiratory system. May cause central nervous system depression.

OSHA Hazards:

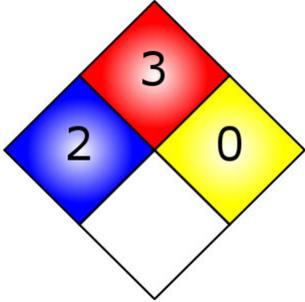
Flammable liquid, Target Organ Effect, Irritant, Toxic by inhalation, Toxic by ingestion, Toxic by skin absorption

Target Organs:

Central nervous system, Eyes, Heart, Kidney, Liver



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)
NFPA +1.703.527.3887 (INT)



GHS label elements, including precautionary statements



Signal Word:
DANGER!

Hazard statement(s)

H335	May cause respiratory irritation.
H370	Causes damage to organs
H225	Highly flammable liquid and vapor.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary statement(s)

P501	Dispose of contents and container to an approved waste disposal plant.
P240	Ground/bond container and receiving equipment.
P337 + P313	If eye irritation persists: Get medical attention.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
P303 + P361 + P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P210	Keep away from heat, sparks, open flames, and hot surfaces. No smoking.



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P233	Keep container tightly closed.	+1.703.527.3887 (INT)
P403 + P235	Store in a well-ventilated place. Keep cool.	
P243	Take precautionary measures against static discharge.	
P241	Use explosion-proof electrical, ventilating, and lighting equipment.	
P242	Use only non-sparking tools.	
P264	Wash hands thoroughly after handling.	
P280	Wear protective gloves and eye and face protection.	

GHS Classification(s)

- Flammable Liquids (Category 2)
- Skin irritation (Category 2)
- Specific target organ toxicity - single exposure (Category 1)
- Specific target organ toxicity - single exposure (Category 3)
- Acute toxicity, Oral (Category 4)
- Eye irritation (Category 2A)

Other hazards which do not result in classification:

Potential Health Effects:

Organ	Description
Eyes	May cause irritation including stinging, tearing, and redness.
Ingestion	Ingestion may cause dizziness, faintness, drowsiness decreased awareness or responsiveness, nausea, vomiting, staggering gait, lack of coordination, coma and death.
Inhalation	High vapor concentration may cause burning sensation in nose and throat and stinging and watering in the eyes. At concentrations which cause irritation, dizziness, faintness, drowsiness, nausea and vomiting may also occur.
Skin	Prolonged or widespread contact may result in the absorption of potentially harmful amounts. Inhalation: High vapor concentration may cause burning sensation in nose and throat and stinging and watering in the eyes. At concentrations which cause irritation, dizziness, faintness, drowsiness, nausea and vomiting may also occur. Skin Contact: Prolonged or repeated contact may cause defatting and drying of the skin.
Chronic	Long term repeated oral exposure to ethanol may result in the development of progressive liver injury with fibrosis. Overexposure to methanol may cause eye damage and liver or kidney injury. Other Health Hazards: Repeated ingestion of ethanol by pregnant mothers has been shown to adversely affect the central nervous system of the fetus, producing a collection of effects which together constitute fetal alcohol syndrome. Medical Conditions Aggravated by Overexposure: Repeated exposure to ethanol may aggravate liver injury produced from other causes. Skin contact may aggravate dermatitis.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical identity:	Proprietary Solvent Formula III-3, 200 Proof
Common name / Synonym:	Denatured Alcohol; Ethanol denatured with Methanol, MIBK, Ethyl Acetate, Denatonium Benzoate and Rubber Solvent;
UN #:	1987

Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

% Volume	Material	+1.703.625.3887 (INT)
3.71	Methyl Alcohol	67-56-1
0.96	Methyl Isobutyl Ketone	108-10-1
0.96	Rubber Solvent (n-Hexane)	110-54-3
1.92	Ethyl Acetate	141-78-6
0.001	Denatonium Benzoate	3734-33-6
92.45	Ethanol	64-17-5

4. FIRST AID MEASURES

General advice

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Skin

Wash skin with soap and copious amounts of water. Seek medical attention.

Inhalation

Remove person to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

Eyes

Thoroughly flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

Ingestion

DO NOT induce vomiting. If vomiting does occur, have victim lean forward to prevent aspiration. Rinse mouth with water. Seek medical attention. Never give anything by mouth to an unconscious individual.

Note to Physician

Symptoms vary with alcohol level of the blood. Mild alcohol intoxication occurs at blood levels between 0.05- 0.15 %. Approximately 25% of individuals show signs of intoxication at these levels. Above 0.15% the person is definitely under the influence of ethanol; 50-95% of individuals are clinically intoxicated at these levels. Severe poisoning occurs when the blood is ethanol level is 0.3- 0.5%. Above 0.5% the individual will be comatose and death can occur. The unabsorbed ethanol should be removed by gastric lavage after intubating the patient to prevent aspiration. Avoid the use of depressant drugs or the excessive administration of fluids.

5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):



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Carbon oxides expected to be the primary hazardous combustion product.

+1.703.527.3887 (INT)

Special protective equipment and precautions for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water.

Unusual Fire and Explosion Hazards:

- Vapors may travel to source of ignition and flash back.
- Vapors may settle in low or confined spaces.
- May produce a floating fire hazard.
- Static ignition hazard can result from handling and use.

Alcohols burn with a pale blue flame which may be extremely hard to see under normal lighting conditions. Personnel may only be able to feel the heat of the fire without seeing flames. Extreme caution must be exercised in fighting alcohol fires. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire.

Flammable Properties

Classification

OSHA/NFPA Class IB Flammable Liquid.

Flash point

14 °C (58 °F) - closed cup

Autoignition temperature

363 °C (685.4 °F) - (Ethyl Alcohol)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Do not inhale vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions:

Stop leak. Contain spill if possible and safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up:

Absorb with an inert dry material and place in an appropriate waste disposal container. Keep disposal containers closed when finished.

7. HANDLING AND STORAGE

Precautions for safe handling:

Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)
appropriate government standards, such as NIOSH (US) or EN166 (EU) Maintain eye wash for 15 minutes. **1.703.927.9887 (INT)**
quick-drench facilities in work area.

Skin and body protection:

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.)	Liquid. Colorless.
Odor	Specific data not available
Odor threshold	Specific data not available
pH	Specific data not available
Freezing point	-114 °C (-173 °F)
Initial boiling point and boiling range	80 °C (176 °F)
Flash point	14 °C (58 °F) - closed cup
Evaporation rate	Specific data not available - expected to be rapid.
Flammability (solid, gas)	Flammable
Upper / Lower flammability or explosive limits	19%(V) / 3.3%(V) (for 100% Ethyl Alcohol)
Vapor pressure	44.6mmHg (5.94 kPa)
Vapor Density	1.6 (air =1)
Relative Density	Specific data not available
Solubility(ies)	completely soluble
Partition coefficient n-octanol/water(ies)	Specific data not available
Auto-ignition temperature	363°C (685.4°F) - (For 100% Ethyl Alcohol)
Decomposition temperature	Specific data not available
Formula (ETHANOL)	C2H6O
Formula (ETHYL ACETATE)	C4H8O2
Formula (METHYL ALCOHOL)	CH4O
Formula (METHYL ISOBUTYL KETONE)	C6H12O
Molecular Weight (ETHANOL)	46.07 g/mol
Molecular Weight (ETHYL ACETATE)	88.1 g/mol
Molecular Weight (METHYL ALCOHOL)	32.04 g/mol
Molecular Weight (METHYL ISOBUTYL KETONE)	100.16 g/mol

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	Vapors may form explosive mixture with air.
Conditions to avoid (e.g., static discharge, shock or vibration)	Heat, flames, and sparks. Extreme temperatures and direct sunlight.
Incompatible materials	Strong acids, strong oxidizing agents



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Hazardous decomposition products	Hazardous decomposition products for methanol in conditions. - Carbon oxides
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11. TOXICOLOGICAL INFORMATION

- Methyl Alcohol 67-56-1

Product Summary:

Classification of teratogenicity or reproductive toxicity cannot be determined with available data for this product. No data available to designate the product as causing specific target organ toxicity through repeated exposure. No data available to designate product as an aspiration hazard.

Acute Toxicity:

LC50 (Inhl)	Rat	64,000 mg/Kg BWT	4 hours
LD50 (Oral)	Rat	5,628 mg/Kg BWT	
LD50 (Skin)	Rabbit	15,800 mg/Kg BWT	

Irritation:

Eyes (METHANOL)

Direct contact with the eyes produces a mild, reversible irritation, assuming treatment is initiated promptly. Methanol ingestion or inhalation can lead to visual disturbance that can proceed to blindness.

Skin

Standard Draize skin test (rabbit) - Dose: 20 mg/24 hrs Reaction: Moderate Repeated exposure may cause skin dryness or cracking.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other Hazards

Organ	Description
Eyes	Irritating to the eyes.
Ingestion	Poison, may be fatal or cause blindness if swallowed. Cannot be made non-poisonous. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.



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Inhalation	Toxic by inhalation. Vapor harmful. May be irritating to the respiratory tract. +1.703.527.3887 (INT)
Skin	Toxic in contact with skin. Irritating to skin.
Chronic	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. Experiments have shown reproductive toxicity effects on laboratory animals. May cause adverse liver effects. May cause adverse kidney effects. Methanol is slowly eliminated from the body, therefore it can have cumulative toxicity effects with repeated exposures.

• Ethyl Acetate 141-78-6

Product Summary:

Not known to be toxic to the reproductive system, teratogenic, or carcinogenic. Has demonstrated some mutagenic effects in animals.

Acute Toxicity:

LC50 (Inhalation)	Rat	22,627 ppm	4 hours
LD50 (Dermal)	Rabbit	20,000 mg/kg	
LD50 (Oral)	Rat	11,300 mg/kg	

Irritation:

Eyes

No data available.

Skin

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other Hazards

Organ	Description
Eyes	Can cause serious eye irritation with common symptoms including redness, tearing, pain, and blurred vision.
Ingestion	Can be harmful if ingested leading to throat irritation, nausea, vomiting, and central nervous system effects.



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

Inhalation	High concentrations of vapor or mist may be harmful if inhaled. High concentrations may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects; and/or liver and kidney damage. Massive acute overexposure may cause rapid central nervous system depression, sudden collapse, coma, and/or death.
Skin	This product may cause irritation, redness, and/ or drying. This product is not likely to be absorbed through the skin in harmful amounts. In rare instances, repeated skin contact with ethyl acetate may cause sensitization.
Chronic	Prolonged or repeated inhalation may cause toxic effects. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis). In rare instances, repeated skin contact with ethyl acetate may cause sensitization. Prolonged or repeated exposure may have reproductive toxicity or mutagenic effects.

- Denatonium Benzoate 3734-33-6

Product Summary:

No data available for the mutagenic, teratogenic, or reproductive effects of the product.

Acute Toxicity:

LD50 (Oral)	Rat	584 mg/kg	
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Irritation:

Eyes

Causes eye irritation.

Skin

Slightly irritating to the skin. Repeated contact with neat product may dry the skin causing cracking and/or fissuring.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other Hazards

Organ	Description
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Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

Eyes	Irritating to the eyes.	+1.703.527.3887 (INT)
Ingestion	Harmful if ingested.	
Inhalation	May be harmful if inhaled. Irritating to the respiratory tract.	
Skin	Harmful if absorbed through skin. Irritating to skin.	

• Methyl Isobutyl Ketone 108-10-1

Product Summary:

Laboratory tests have shown teratogenic effects. No data available for the mutagenic or reproductive effects of the product. No data available to designate the product as causing specific target organ toxicity through single or repeated exposure. No data available to designate product as an aspiration hazard.

Acute Toxicity:

LC50 (Inhalation)	Rat	16.4 mg/m ³	4 hours
LD50 (Dermal)	Rabbit	> 16,000 mg/kg	
LD50 (Oral)	Rat	2,080 mg/kg	

Irritation:

Eyes (METHYL ISOBUTYL KETONE)

Rabbit - Moderate eye irritation - 24 hours

Skin

Rabbit - skin irritation - 24 hours

Teratogenicity (METHYL ISOBUTYL KETONE)

Methyl Isobutyl Ketone is teratogenic. Fetal death and developmental abnormalities occurred in the babies of mice that inhaled Methyl isobutyl ketone.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other Hazards

Organ	Description
Eyes	Can be irritating to the eyes.



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

Ingestion	Can be harmful if ingested.	+1.703.527.3887 (INT)
Inhalation	Can be harmful, causing respiratory tract irritation, if inhaled.	
Skin	Can be harmful, causing irritation, if absorbed through the skin.	

- Rubber Solvent (n-Hexane) 110-54-3

Product Summary:

No data available for the teratogenic or mutagenic effects of the product. REPRODUCTIVE TOXICITY: Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. Suspected human reproductive toxicant Suspected of damaging fertility.

Acute Toxicity:

LC50 (Inhalation)	Rat	48,000 ppm	4 h
LD50 (Oral)	Rat	25,000mg/kg	

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other Hazards

Organ	Description
Eyes	Causes eye irritation.
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled. causes respiratory tract irritation. Drowsiness and dizziness may occur.
Skin	May be harmful if absorbed through skin. Causes skin burns.

12. ECOLOGICAL INFORMATION

- Methyl Alcohol 67-56-1

Ecotoxicity (aquatic and terrestrial, where available):

Acute Fish Toxicity (METHANOL)

LC50 / 96 hours Lepomis macrochirus: 15,400 mg/L / LC50 / 96 hours Fathead minnow: 29,400 mg/L



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Toxicity to Aquatic Plants (METHANOL)

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EC50 / 96 hours Scenedesmus capricornutum: 22,000 mg/L

Persistence and degradability:

This material is expected to be readily biodegradable. There is evidence that it is degraded under anaerobic conditions.

Bioaccumulative potential:

Bioconcentration factor (BCF) of 0.2. This material is not expected to bioaccumulate.

Other adverse effects:

BOD: 600 mg/g - 1120 mg/g COD: 1420 mg/g

• Denatonium Benzoate 3734-33-6

Ecotoxicity (aquatic and terrestrial, where available):

Acute Fish Toxicity (DENATONIUM BENZOATE)

LC50 / 96 hours Rainbow Trout >1000 mg/L

Persistence and degradability:

No data available

Bioaccumulative potential:

Biaccumulation is unlikely

• Ethyl Acetate 141-78-6

Ecotoxicity (aquatic and terrestrial, where available):

Acute Fish Toxicity (ETHYL ACETATE)

LC50 / 96 hours Fathead Minnow 230mg/L

Persistence and degradability:

Biodegradation is expected.

Bioaccumulative potential:

Biaccumulation is unlikely

• Methyl Isobutyl Ketone 108-10-1



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

Ecotoxicity (aquatic and terrestrial, where available):

+1.703.527.3887 (INT)

Acute Toxicity to Fish (METHYL ISOBUTYL KETONE)

LC50 / 48 hours *Leuciscus idus melanotus*- 480 mg/L

Toxicity to Aquatic Plants (METHYL ISOBUTYL KETONE)

EC50 / 48 hours Green algae- 2,000 mg/L

Persistence and degradability:

Biotic/ Aerobic

Bioaccumulative potential:

No data available

• Rubber Solvent (n-Hexane) 110-54-3

Ecotoxicity (aquatic and terrestrial, where available):

Acute algae toxicity (RUBBER SOLVENT/ N-HEXANE)

EC50 / 3 h / Fresh water alge - 12,840.00 mg/l

Acute algae toxicity (RUBBER SOLVENT/N-HEXANE)

EC50 / 8 h / *Skeletoma* - 0.30mg/l

Acute fish toxicity (RUBBER SOLVENT/N-HEXANE)

LC50 / 96hr / fathead minnow - 2.5mg/l

Toxicity to daphnia (RUBBER SOLVENT/ N-HEXANE)

EC50 / 48h / Water flea - 3,878.00mg/l

Persistence and degradability:

No data available

Bioaccumulative potential:

No data available

Other adverse effects:

Possible environmental hazard can result from improper handling or disposal.

13. DISPOSAL CONSIDERATIONS

Description of waste residues and information on their safe handling and methods of disposal, including the



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)
disposal of any contaminated packaging: +1.703.527.3887 (INT)

Vapors may collect in empty containers. Treat empty containers as hazardous. Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations.

14. TRANSPORT INFORMATION

Description of waste residues and information on their safe handling and methods of disposal:

UN number	1987
UN proper shipping name	Alcohols, n.o.s. (ethanol, methanol)
Transport hazard class(es)	3
Packing group (if applicable)	II

IMDG

UN-Number: 1987 Class: 3 Packing Group: II

EMS-No: F-E, S-D

Proper shipping name: ALCOHOLS, N.O.S. (ETHANOL, METHANOL)

Marine pollutant: No

IATA

UN-Number: 1987 Class: 3 Packing Group: II

Proper shipping name: Alcohols, n.o.s. (ethanol, methanol)

15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product in question:

OSHA Hazards

Flammable liquid, Target Organ Effect, Irritant, Toxic by inhalation, Toxic by ingestion, Toxic by skin absorption

All ingredients are on the following inventories or are exempted from listing

Country	Notification
Australia	AICS
Canada	DSL
China	IECS
European Union	EINECS
Japan	ENCS/ISHL
Korea	ECL
New Zealand	NZIoC
Philippines	PICCS
United States of America	TSCA

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302/304: Methanol CAS-No. 67-56-1 Revision Date 2007-07-01 Isobutyl methyl ketone CAS-No. 108-10-1 Revision Date 1993-04-24



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

SARA 313 Components

+1.703.527.3887 (INT)

This material does not contain any chemical components with known CAS numbers that exceed the reporting limits.

SARA 311/312 Hazards

Acute Health Hazard
Chronic Health Hazard
Fire Hazard

CERCLA

Ethyl acetate CAS-No. 141-78-6, RQ: 5,000 lbs

Methanol CAS-No. 67-56-1. RQ: 5,000 lbs

Methyl isobutyl ketone CAS No. 108-10-1 RQ: 5000 lbs

Massachusetts Right To Know Components

Ethanol CAS-No.64-17-5 Revision Date 2007-03-01

Ethyl acetate CAS-No. 141-78-6 Revision Date 2007-03-01

Methanol CAS-No.67-56-1 Revision Date 2007-07-01

Methyl Isobutyl Ketone CAS-No. 108-10-1 Revision Date 1993-04-24

Rubber Solvent (No information available)

Pennsylvania Right To Know Components

Ethanol CAS-No.64-17-5 Revision Date 2007-03-01

Ethyl Acetate CAS-No. 141-78-6

Methanol CAS-No.67-56-1 Revision Date 2007-07-01

Methyl Isobutyl Ketone CAS-No. 108-10-1 Revision Date 1993-04-24

Rubber Solvent (No information available.)

New Jersey Right To Know Components

Ethanol CAS-No.64-17-5 Revision Date 2007-03-01



Product Information: 203.740.3471 Emergency Assistance (CHEMTREC): 1.800.424.9300 (USA)

Ethyl Acetate CAS-No. 141-78-6

+1.703.527.3887 (INT)

Methanol CAS-No.67-56-1 Revision Date 2007-07-01

Methyl Isobutyl Ketone CAS-No. 108-10-1 Revision Date 1993-04-24

Rubber Solvent (No information available.)

California Prop 65 Components

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. METHANOL CAS-No. 67-56-1 Revision Date 2012-03-16

WARNING! This product contains a chemical known to the State of California to cause cancer. METHYL ISOBUTYL KETONE CAS-No. 108-10-1 Revision Date 2011-11-04

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm (ETHYL ALCOHOL) CAS No. 64-17-5 Revision Date: December 11, 2009

**16. OTHER INFORMATION:
INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS**

Disclaimer

Greenfield Global USA, Inc. believes that the information on this SDS was obtained from reliable sources. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Greenfield Global USA, Inc. does not assume responsibility and expressly disclaims liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable. Information is correct to the best of our knowledge at the date of the SDS publication.