

SAFETY DATA SHEET

1. Identification

Product identifier: MustGo Spray

Other means of identification

SDS number: MGS11102020

Recommended use and restriction on use

Recommended use: Control and prevention of musty odors.

Restrictions on use: Not known.

Emergency telephone number: 412-915-0447

2. Hazard(s) identification

Hazard classification

Physical hazards	
Flammable liquids	Category 3
Health hazards	
Serious eye damage/eye irritation	Category 2B
Carcinogenicity	Category 1A
Environmental hazards Acute hazards to the aquatic environment	Category 2

Label elements

Hazard symbol





Signal word	Danger
Hazard statement	Highly flammable liquid and vapor. Poison: Vapor harmful; May be fatal or cause blindness if swallowed; Cannot be made nonpoisonous. Causes eye irritation. Causes skin irritation. May cause cancer. Toxic to aquatic life.
Precautionary statement	
Prevention	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If exposed or concerned: Get medical advice/attention. In case of fire: Use to extinguish.
Storage	Store in well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product



characteristics at time of disposal.

Other hazards which do not	Static accumulating flammable liquid can become electrostatically charged
result in GHS classification	even in bonded and grounded equipment. Sparks may ignite liquid and
	vapor. May cause flash fire or explosion.

3. Composition/information on ingredients

Mixtures

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Ethanol		64-17-5	45-55%
Isopropyl Alcohol		67-63-0	3-6%
Water		7732-18-5	30-60%
Methanol		67-56-1	0 - 3%
Methyl Isobutyl Ketone		108-10-1	0 - 1.2%
Odor Counteractant Fragrance	Fragrance blend	NA	5 -15%
Methyl P Hydroxybenzoate		99-76-3	0 - 5%
Propylene Glycol		57-55-6	0-20%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Ingestion:	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.
Skin contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Most important symptoms/effect	s, acute and delayed
Symptoms:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures



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General fire hazards:	No data available.
Suitable (and unsuitable) extingu	uishing media

Suitable extinguishing media:	Use: Powder, alcohol-resistant foam, water in large amounts, carbon dioxide.
Unsuitable extinguishing media:	No data available.
Specific hazards arising from the chemical:	No data available.
Special protective equipment and	precautions for firefighters
Special fire fighting procedures:	No data available.
Special protective equipment for fire-fighters:	No data available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	No data available.
Methods and material for containment and cleaning up:	All equipment used when handling the product must be grounded. Eliminate sources of ignition. Absorb spillage with non-combustible, absorbent material. Dike for later disposal.
7. Handling and storage	
Precautions for safe handling:	Avoid contact with skin and eyes. Avoid breathing mists or vapors. Flammable/combustible - Keep away from oxidizers, heat and flames. Store away from incompatible materials. Use only with adequate
incompatibilities: Conditions for safe storage, including any	ventilation. No data available.



8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Chemical identity	Туре	Exposure Lin	nit values	Source
		Exposure Em	int values	
Ethanol	STEL	1,000 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	REL	1,000 ppm	1,900	US. NIOSH: Pocket Guide to Chemical
			mg/m3	Hazards (2010)
	PEL	1,000 ppm	1,900	US. OSHA Table Z-1 Limits for Air
			mg/m3	Contaminants (29 CFR 1910.1000)
				(02 2006)
	TWA	1,000 ppm	1,900	US. OSHA Table Z-1-A (29 CFR
			mg/m3	1910.1000) (1989)
	TWA	1,000 ppm	1,900	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06 2008)
	ST ESL		1,910	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on Environmental
				Quality) (02 2013)
	AN ESL		1,880	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on Environmental
				Quality) (02 2013)
	AN ESL		1,000 ppb	US. Texas. Effects Screening Levels
				(Texas Commission on Environmental
				Quality) (02 2013)
	ST ESL		1,010 ppb	US. Texas. Effects Screening Levels
				(Texas Commission on Environmental
				Quality) (02 2013)
	TWA PEL	1,000 ppm	1,900	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
				Contaminants (02 2012)
Isopropyl Alcohol	TWA	200 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	STEL	400 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	REL	400 ppm	980	US. NIOSH: Pocket Guide to Chemical
			mg/m3	Hazards (2010)
	STEL	500 ppm	1,225	US. NIOSH: Pocket Guide to Chemical



			mg/m3	Hazards (2010)
	PEL	400 ppm	980	US. OSHA Table Z-1 Limits for Air
			mg/m3	Contaminants (29 CFR 1910.1000)
				(02 2006)
	STEL	500 ppm	1,225	US. OSHA Table Z-1-A (29 CFR
			mg/m3	1910.1000) (1989)
	TWA	400 ppm	980	US. OSHA Table Z-1-A (29 CFR
			mg/m3	1910.1000) (1989)
	STEL	500 ppm	1,225	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06 2008)
	TWA	400 ppm	980	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06 2008)
	ST ESL		4,920	US. Texas. Effects Screening Levels
	51 252		μg/m3	(Texas Commission on Environmental
			μg/115	Quality) (02 2013)
	AN ESL		492	US. Texas. Effects Screening Levels
	ANLSL		μg/m3	(Texas Commission on Environmental
			μg/115	Quality) (02 2013)
			2 000 mmh	
	ST ESL		2,000 ppb	US. Texas. Effects Screening Levels
				(Texas Commission on Environmental
			200	Quality) (02 2013)
	AN ESL		200 ppb	US. Texas. Effects Screening Levels
				(Texas Commission on Environmental
				Quality) (02 2013)
	TWA PEL	400 ppm	980	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
				Contaminants (02 2012)
	STEL	500 ppm	1,225	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
				Contaminants (02 2012)
Methanol	TWA	200 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	STEL	250 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	REL	200 ppm	260	US. NIOSH: Pocket Guide to Chemical
		•••	mg/m3	Hazards (2010)
	STEL	250 ppm	325	US. NIOSH: Pocket Guide to Chemical
		1-1	mg/m3	Hazards (2010)
	PEL	200 ppm	260	US. OSHA Table Z-1 Limits for Air
		200 ppm	200	



			mg/m3	Contaminants (29 CFR 1910.1000)
	TWA	200 ppm	260	(02 2006) US. OSHA Table Z-1-A (29 CFR
	IVVA	200 ppm	mg/m3	1910.1000) (1989)
	STEL	250 ppm	325	US. OSHA Table Z-1-A (29 CFR
	5122	250 ppm	mg/m3	1910.1000) (1989)
	TWA	200 ppm	260	US. Tennessee. OELs. Occupational
		200 ppm	mg/m3	Exposure Limits, Table Z1A (06 2008)
	STEL	250 ppm	325	US. Tennessee. OELs. Occupational
			mg/m3	Exposure Limits, Table Z1A (06 2008)
	ST ESL		2,620	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on Environmental
			1 0.	Quality) (02 2013)
	ST ESL		2,000 ppb	US. Texas. Effects Screening Levels
				(Texas Commission on Environmental
				Quality) (02 2013)
	AN ESL		262	US. Texas. Effects Screening Levels
			μg/m3	(Texas Commission on Environmental
				Quality) (02 2013)
	AN ESL		200 ppb	US. Texas. Effects Screening Levels
				(Texas Commission on Environmental
				Quality) (02 2013)
	Ceiling	1,000 ppm		US. California Code of Regulations,
				Title 8, Section 5155. Airborne
				Contaminants (02 2012)
	TWA PEL	200 ppm	260	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
				Contaminants (02 2012)
	STEL	250 ppm	325	US. California Code of Regulations,
			mg/m3	Title 8, Section 5155. Airborne
				Contaminants (02 2012)
Methyl Isobutyl Ketone	TWA	20 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	STEL	75 ppm		US. ACGIH Threshold Limit Values (03
				2013)
	REL	50 ppm	205	US. NIOSH: Pocket Guide to Chemical
	0751		mg/m3	Hazards (2010)
	STEL	75 ppm	300	US. NIOSH: Pocket Guide to Chemical
			mg/m3	Hazards (2010)



PEL	100 ppm	410	US. OSHA Table Z-1 Limits for Air
		mg/m3	Contaminants (29 CFR 1910.1000)
			(02 2006)
TWA	50 ppm	205	US. OSHA Table Z-1-A (29 CFR
		mg/m3	1910.1000) (1989)
STEL	75 ppm	300	US. OSHA Table Z-1-A (29 CFR
		mg/m3	1910.1000) (1989)
TWA	50 ppm	205	US. Tennessee. OELs. Occupational
		mg/m3	Exposure Limits, Table Z1A (06 2008)
STEL	75 ppm	300	US. Tennessee. OELs. Occupational
		mg/m3	Exposure Limits, Table Z1A (06 2008)
AN ESL		82 µg/m3	US. Texas. Effects Screening Levels
			(Texas Commission on Environmental
			Quality) (02 2013)
ST ESL		700	US. Texas. Effects Screening Levels
		μg/m3	(Texas Commission on Environmental
			Quality) (02 2013)
ST ESL		170 ppb	US. Texas. Effects Screening Levels
			(Texas Commission on Environmental
			Quality) (02 2013)
AN ESL		20 ppb	US. Texas. Effects Screening Levels
			(Texas Commission on Environmental
			Quality) (02 2013)
TWA PEL	50 ppm	205	US. California Code of Regulations,
		mg/m3	Title 8, Section 5155. Airborne
			Contaminants (02 2012)
STEL	75 ppm	300	US. California Code of Regulations,
		mg/m3	Title 8, Section 5155. Airborne
			Contaminants (02 2012)

Biological limit values

Chemical identity	Exposure Limit values	Source
Isopropyl Alcohol	40 mg/l (Urine)	ACGIH BEL (03 2013)
(acetone: Sampling		
time: End of shift at		
end of work week.)		
Methanol (methanol:	15 mg/l (Urine)	ACGIH BEL (03 2013)
Sampling time: End of		
shift.)		



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Appropriate engineering controls	No data available.	
Individual protection measures, such as personal protective equipment		
General information:	No data available.	
Eye/face protection:	No data available.	
Skin protection		
Hand protection:	No data available.	
Other:	No data available.	
Respiratory protection:	No data available.	
Hygiene measures:	No data available.	

9. Physical and chemical properties

Physical state:	Liquid
Form:	No data available.
Color:	No data available.
Odor:	Aromatic.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	63 - 117 °C
Flash Point:	24° C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosiv	e limits
Upper/lower limit on flammability or explosiv Flammability limit - upper (%):	e limits No data available.
Flammability limit - upper (%):	No data available.
Flammability limit - upper (%): Flammability limit - lower (%):	No data available. No data available.
Flammability limit - upper (%): Flammability limit - lower (%): Explosive limit - upper (%):	No data available. No data available. No data available.
Flammability limit - upper (%): Flammability limit - lower (%): Explosive limit - upper (%): Explosive limit - lower (%):	No data available. No data available. No data available. No data available.
Flammability limit - upper (%): Flammability limit - lower (%): Explosive limit - upper (%): Explosive limit - lower (%): Vapor pressure:	No data available. No data available. No data available. No data available. No data available.
Flammability limit - upper (%): Flammability limit - lower (%): Explosive limit - upper (%): Explosive limit - lower (%): Vapor pressure: Vapor density:	No data available. No data available. No data available. No data available. No data available. No data available.
Flammability limit - upper (%): Flammability limit - lower (%): Explosive limit - upper (%): Explosive limit - lower (%): Vapor pressure: Vapor density: Relative density:	No data available. No data available. No data available. No data available. No data available. No data available.
Flammability limit - upper (%): Flammability limit - lower (%): Explosive limit - upper (%): Explosive limit - lower (%): Vapor pressure: Vapor density: Relative density: Solubility(ies)	No data available. No data available. No data available. No data available. No data available. No data available. No data available.



Partition coefficient (n-octanol/wa	ater): No data available.	
Auto-ignition temperature:	No data available.	
Decomposition temperature:	No data available.	
Viscosity:	No data available.	
10. Stability and reactivity		
Reactivity:	No data available.	
Chemical stability:	No data available.	
Possibility of hazardous reactions:	No data available.	
Conditions to avoid:	No data available.	
Incompatible materials:	No data available.	
Hazardous decomposition	No data available.	
products:		
11. Toxicological information		
Symptoms related to the physical	, chemical and toxicological characteristics	
Ingestion:	No data available.	
Inhalation:	No data available.	
Skin contact:	No data available.	
Eye contact:	No data available.	
Information on toxicological effect	ts	
Acute toxicity (list all possible r	outes of exposure)	
Oral		
Product:	ATEmix (): 3,238.656878 mg/kg	
Dermal		
Product:		
	Not classified for acute toxicity based on available data.	
Inhalation		
Product:	No data available.	
Specified substance(s):		
Ethanol	LC 50 (Mouse, 4 h): 39 mg/l LC 50 (Cat,): 85.41 mg/l 2 (reliable with restrictions) LC 50 (Rat,): 130.7 mg/l (, No) 2 (reliable with restrictions) LC 50 (Mouse,): > 38 mg/l 4 (not assignable) LC 50 (Rat,): 54.8 mg/l (, No) 2 (reliable with restrictions)	
Specified substance(s):		
Methanol	LC 50 (Rat, 4 h): 64,000 mg/l LC 50 (Cat, 6 h): 43.68 mg/l LC 50 (Cat, 4.5 h): 85.41 mg/l LC 50 (Rat, 6 h): 87.5 mg/l LC 50 (Rat,): > 115.9 mg/l (, No) 2	



	(reliable with restrictions)
•	
uct:	No data available.
sion/irritation	
ct:	No data available.
e damage/eye irritatio	on
ct:	No data available.
ified substance(s):	
1ethyl Isobutyl Ketone	
	Vapor was irritating to the eyes at 200 ppm.
y or skin sensitization	
uct:	No data available.
nicity	
ct:	No data available.
Monographs on the I	Evaluation of Carcinogenic Risks to Humans:
Ethanol	Overall evaluation: 1. Carcinogenic to humans. Overall evaluation: 1.
	Carcinogenic to humans.
Isopropyl Alcohol	Overall evaluation: 1. Carcinogenic to humans. Overall evaluation: 3. Not
	classifiable as to carcinogenicity to humans.
Methyl Isobutyl Ketone	Overall evaluation: 2B. Possibly carcinogenic to humans.
Ethanol DSHA Specifically Regu	rogram (NTP) Report on Carcinogens: Known To Be Human Carcinogen. Ilated Substances (29 CFR 1910.1001-1050):
Ethanol DSHA Specifically Regu arcinogenic componer	Known To Be Human Carcinogen. Ilated Substances (29 CFR 1910.1001-1050):
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity	Known To Be Human Carcinogen. Ilated Substances (29 CFR 1910.1001-1050):
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity	Known To Be Human Carcinogen. ulated Substances (29 CFR 1910.1001-1050): hts identified
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity Duct:	Known To Be Human Carcinogen. Ilated Substances (29 CFR 1910.1001-1050):
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity o uct:	Known To Be Human Carcinogen. ulated Substances (29 CFR 1910.1001-1050): Ints identified No data available.
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity o uct:	Known To Be Human Carcinogen. ulated Substances (29 CFR 1910.1001-1050): hts identified
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity uct: uct: ive toxicity	Known To Be Human Carcinogen. Jated Substances (29 CFR 1910.1001-1050): Ints identified No data available. No data available.
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity uct: uct: ive toxicity ct:	Known To Be Human Carcinogen. Jated Substances (29 CFR 1910.1001-1050): Ints identified No data available. No data available. No data available.
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity b uct: ive toxicity ct: rget organ toxicity - si	Known To Be Human Carcinogen. Jalated Substances (29 CFR 1910.1001-1050): Ints identified No data available. No data available. No data available. ngle exposure
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity o uct: ive toxicity ct: rget organ toxicity - si ct:	Known To Be Human Carcinogen. Jalated Substances (29 CFR 1910.1001-1050): Ints identified No data available. No data available. No data available. ngle exposure No data available.
Ethanol DSHA Specifically Regu- arcinogenic componer mutagenicity uct: uct: ive toxicity ct: rget organ toxicity - si ct: rget organ toxicity - re	Known To Be Human Carcinogen. Jated Substances (29 CFR 1910.1001-1050): Ints identified No data available. No data available. No data available. Ingle exposure No data available. Sepeated exposure
Ethanol DSHA Specifically Regu arcinogenic componer mutagenicity o uct: ive toxicity ct: rget organ toxicity - si ct:	Known To Be Human Carcinogen. Jalated Substances (29 CFR 1910.1001-1050): Ints identified No data available. No data available. No data available. ngle exposure No data available.
	sion/irritation ct: e damage/eye irritation ct: ified substance(s): lethyl Isobutyl Ketone y or skin sensitization uct: hicity ct: Monographs on the B Ethanol Isopropyl Alcohol Methyl Isobutyl



Product: Other effects:	No data available. No data available.
12. Ecological information	
Ecotoxicity: Acute hazards to the aquatic env Fish	/ironment:
Product:	No data available.
Specified substance(s):	
Ethanol	LC 50 (Fathead minnow (Pimephales promelas), 1 h): > 18,000 mg/l Mortality LC 50 (Zebra danio (Danio rerio), 2 h): > 100 mg/l Mortality LC 50 (Zebra danio (Danio rerio), 2 h): > 100 mg/l Mortality LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss), 4 d): 42 mg/l Mortality LC 50 (Zebra danio (Danio rerio), 4 h): > 100 mg/l Mortality
Methanol	LC 50 (Bluegill (Lepomis macrochirus), 24 h): 17,400 - 21,000 mg/l Mortality LC 50 (Rainbow trout,donaldson trout (Oncorhynchus mykiss), 24 h): 19,800 - 20,700 mg/l Mortality LC 50 (Fathead minnow (Pimephales promelas), 24 h): 29,000 - 30,500 mg/l Mortality LC 50 (Medaka, high-eyes (Oryzias latipes), 24 h): > 10,000 mg/l Mortality LC 50 (Medaka, high-eyes (Oryzias latipes), 48 h): 1,400 mg/l Mortality
Methyl Isobutyl Ketone	LC 50 (Carp (Leuciscus idus melanotus), 48 h): 672 mg/l Mortality LC 50 (Carp (Leuciscus idus melanotus), 48 h): 744 mg/l Mortality
Aquatic invertebrates	
Product:	No data available.
Specified substance(s):	
Ethanol	EC 50 (Water flea (Daphnia magna), 2 h): > 100 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 4 h): > 100 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 6 h): > 100 mg/l Intoxication EC 50 (Water flea (Daphnia obtusa), 24 h): 12,300 - 13,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 24 h): > 1.58 mg/l Intoxication
Isopropyl Alcohol	LC 50 (Brine shrimp (Artemia salina), 24 h): > 10,000 mg/l Mortality LC 50 (Water flea (Daphnia magna), 24 h): > 10,000 mg/l Mortality LC 50 (Common shrimp, sand shrimp (Crangon crangon), 48 h): 900 - 1,950 mg/l Mortality LC 50 (Common shrimp, sand shrimp (Crangon crangon), 96 h): 750 - 1,650 mg/l Mortality



Methanol	EC 50 (Water flea (Daphnia obtusa), 24 h): 22,800 - 24,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 24 h): > 10,000 mg/l Intoxication EC 50 (Water flea (Daphnia obtusa), 48 h): 21,100 - 23,400 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 48 h): 20,450 - 29,350 mg/l Intoxication EC 50 (Water flea (Daphnia magna), 48 h): > 10,000 mg/l Intoxication
Methyl Isobutyl Ketone	EC 50 (Water flea (Daphnia magna), 24 h): 3,682 mg/l Intoxication LC 50 (Brine shrimp (Artemia salina), 24 h): 1,230 mg/l Mortality LC 50 (Water flea (Daphnia magna), 24 h): 4,280 mg/l Mortality
Chronic hazards to the aquatic	environment:
Fish	
Product:	No data available.
Aquatic invertebrates	
Product:	No data available.
Toxicity to Aquatic Plants	
Product:	No data available.
Persistence and degradability	
Biodegradation	
Product:	No data available.
BOD/COD ratio	
Product:	No data available.
Bioaccumulative potential	
Bioconcentration factor (BCF)	
Product:	No data available.
Specified substance(s):	
Methanol	Green algae (Chlorella fusca vacuolata), Bioconcentration factor (BCF):
	28,400 (Static)
Partition coefficient n-octano	l / water (log Kow)
Product:	No data available.
Specified substance(s):	
Ethanol	Log Kow: -0.31
Isopropyl Alcohol	Log Kow: 0.05
Methanol	Log Kow: -0.77
Methyl Isobutyl Ketone	Log Kow: 1.31
Mobility in soil:	No data available.
Known or predicted distributi	on to environmental compartments



Ethanol	No data available.	
Propan-2-ol	No data available.	
Water	No data available.	
Methanol	No data available.	
4-Methylpentan-2-one	No data available.	
Known or predicted distribution to environmental compartments		
Water	No data available.	

13. Disposal considerations

Disposal instructions:	No data available.
Contaminated packaging:	No data available.

14. Transport information

DOT Regulations:

Hazard Class: ORM-D Description: CONSUMER COMMODITY, ORM-D Emergency Response Guide Number: 127 Proper Shipping Name: CONSUMER COMMODITY

Land Transport ADR/RID (cross-border):

Hazard Class: 3 Identification Number: UN 1170 Packing Group: II Proper Shipping Name: ETHANOL (ETHYL ALCOHOL)

Maritime Transport IMDG:

Hazard Class: 3 Identification Number: UN 1170 Packing Group: II Proper Shipping Name: ETHANOL Classification Code: F1 Description: UN1170, ETHANOL (ETHYL ALCOHOL), 3, II

EmS-No. F-E,S-D Description: UN1170, ETHANOL, 3, PG II, FP 20C

Air Transport ICAO-TI and IATA-DGR:

UN-No. ID8000 Proper Shipping Name: CONSUMER COMMODITY Hazard Class: 9 Description: ID8000, CONSUMER COMMODITY, 9

15. Regulatory information

US federal regulationsUS. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) None present or none present in regulated quantities. CERCLA Hazardous Substance List (40 CFR 302.4):

MethanolReportable quantity: 5000 lbs.Methyl Isobutyl KetoneReportable quantity: 5000 lbs.Superfund amendments and reauthorization act of 1986 (SARA)Hazard categoriesNot listed.



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SARA 302 Extremely hazardous substanceNone present or none present in regulated quantities.SARA 304 Emergency release notificationChemical identityRQ

Methanol	5000 lbs.
Methyl Isobutyl Ketone	5000 lbs.

SARA 311/312 Hazardous chemical

Chemical identity	Threshold Planning	g Quantity
Ethanol		500 lbs
Isopropyl Alcohol		500 lbs
Methanol		500 lbs
Methyl Isobutyl Ketone		500 lbs
SARA 313 (TRI reporting)		
	Reporting	
	threshold for	Reporting threshold for
Chemical identity	other users	manufacturing and processing
Methanol	10000 lbs	25000 lbs.
Methyl Isobutyl Ketone	10000 lbs	25000 lbs.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US state regulations

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Ethanol	Carcinogenic.
Ethanol	Developmental toxin.
Methanol	Developmental toxin.
Methyl Isobutyl Ketone	Carcinogenic.



US. New Jersey Worker and Community Right-to-Know Act

Ethanol	Listed
Methanol	Listed
Methyl Isobutyl Ketone	Listed

US. Massachusetts RTK - Substance List

Ethanol	Listed
Methanol	Listed
Methyl Isobutyl Ketone	Listed

US. Pennsylvania RTK - Hazardous Substances

Ethanol	Listed
Methanol	Listed
Methyl Isobutyl Ketone	Listed

US. Rhode Island RTK

Methanol	Listed
Methyl Isobutyl Ketone	Listed

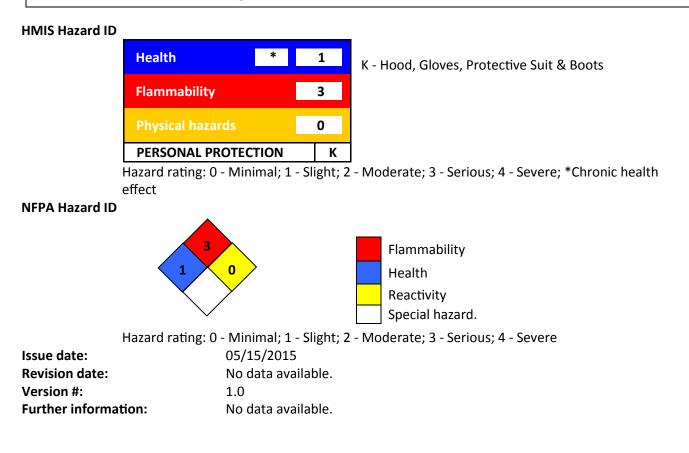


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Inventory Status: Australia AICS:

Canada DSL Inventory List: EU EINECS List: EU ELINCS List: Japan (ENCS) List: EU No Longer Polymers List: China Inv. Existing Chemical Substances: Korea Existing Chemicals Inv. (KECI): Canada NDSL Inventory: Philippines PICCS: US TSCA Inventory: New Zealand Inventory of Chemicals: Japan ISHL Listing: Japan Pharmacopoeia Listing: Not in compliance with the inventory. On or in compliance with the inventory. Not in compliance with the inventory.

16.Other information, including date of preparation or last revision





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Notice

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