maxill

SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	tb Minuteman NEX-GEN DISINFECTANT, tb Minuteman NEX-GEN DISINFECTANT WIPES
Other means of identification	Not available
Recommended use	Hard Surface Disinfectant
Recommended restrictions	None known.
Manufacturer information	maxill Inc. 80 Elm Street St. Thomas, ON N5R 6C8 CA Phone: 519-631-7370 Fax: 519-631-3388 Website: maxill.com
Supplier	maxill Inc 500 West Main Street Cortland, OH 44410 US Phone:1-855-462-9455
Emergency Response Number	ChemTel: 1-800-255-3924, outside US and Canada, 1-813-248-0585 CANUTEC: 613-996-6666

2. Hazards Identification

	2. Hazards identification	1		
Physical hazards	Flammable liquids	Category 3		
Health hazards	Acute toxicity, dermal	Category 4		
	Skin corrosion/irritation	Category 2		
	Serious eye damage/eye irritation	Category 2		
	Specific target organ toxicity, single exposure	Category 3 narcotic effects		
Environmental hazards	Not classified.			
WHMIS 2015 defined hazards	Not classified			
Label elements				
Signal word	Warning			
Hazard statement	Flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.			
Precautionary statement				
Prevention	 Keep away from heat/sparks/open flames/hot s Keep container tightly closed. Ground and bond container and receiving equal Use explosion-proof electrical/ventilating/lighting Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection 	lipment. ng equipment.		
Response	In case of fire: Use appropriate media to exting IF ON SKIN (or hair): Take off immediately all water/shower. If skin irritation occurs: Get med information on this label). Take off contaminate IF IN EYES: Rinse cautiously with water for se and easy to do. Continue rinsing. If eye irritatio IF INHALED: Remove person to fresh air and	contaminated clothing. Rinse skin with lical advice/attention. Specific treatment (see ed clothing and wash it before reuse. everal minutes. Remove contact lenses, if present on persists: Get medical advice/attention.		

Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	This is a registered EPA product. The product labeling is in compliance with EPA regulations and guidelines.

3. Composition/Information on Ingredients

Mixture				
Chemical name	Common name and synonyms	CAS number	%	
Isopropanol		67-63-0	10 - 30	
Ethanol		64-17-5	5 - 10	
Ethanol, 2-butoxy-		111-76-2	3 - 7	
Didecyl dimethyl ammonium chloride		7173-51-5	0.5 - 1.5	
Composition comments	US GHS: The exact percentage (concentratio secret in accordance with paragraph (i) of §19		vithheld as a trade	
	Not applicable to DIN products. Refer to prod	uct label for active ingredient	content.	
	4. First Aid Measures			
Inhalation	IF INHALED: Remove person to fresh air and CENTER/doctor if you feel unwell.	keep comfortable for breathi	ng. Call a POISON	
Skin contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse.			
Eye contact	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.			
Ingestion	Rinse mouth. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.			
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporar redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Vapors have a narcotic effect and may cause			
Indication of immediate medical attention and special treatment needed	Symptoms may be delayed.			
General information	Ensure that medical personnel are aware of the protect themselves. Show this safety data she sources of ignition. No smoking. Avoid contact protection/face protection. Wash contaminate children.	eet to the doctor in attendanc ct with eyes and skin. Wear p	e. Keep away from protective gloves/eye	
	5. Fire Fighting Measure	es		
Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemic	al powder. Carbon dioxide.		
Unsuitable extinguishing media	Not available.			
Specific hazards arising from the chemical	During fire, gases hazardous to health may be air. Vapors may travel considerable distance t			

Special protective equipment Firefighters should wear full protective clothing including self contained breathing apparatus.

Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials. **Specific methods** Flammable liquid and vapor. General fire hazards

Fire-fighting

and precautions for firefighters

equipment/instructions

	6. Accidental Release Measures
Personal precautions, protective equipment and emergency procedures	Keep people away from of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ventilate closed spaces before entering them. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite sand or earth to soak up the product and place into a container for later disposal. Pick up wipes and place into a container for disposal. Do not flush to the sewer. For waste disposal, see section 13 of the SDS.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
	7. Handling and Storage
Precautions for safe handling	Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes, skin and clothing.
	Avoid breathing mist or vapor. Use only with adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash thoroughly after handling. When using do not eat or drink.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits

Components	Туре	Value	
Ethanol (CAS 64-17-5)	TWA	1880 mg/m3 1000 ppm	
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	97 mg/m3 20 ppm	
Isopropanol (CAS 67-63-0)	STEL	984 mg/m3 400 ppm	
	TWA	492 mg/m3 200 ppm	

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Туре	Value	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm	
lsopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Туре	Value	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm	
Isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	

Canada. Ontario OELs. (C Components	•• • •	Туре			Value
Ethanol (CAS 64-17-5)		STEL			1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)		TWA			20 ppm
Isopropanol (CAS 67-63-0)		STEL			400 ppm
		TWA			200 ppm
Canada. Quebec OELs. (M Components	linistry of Labo	r - Regu Type	lation Respecting	-	of the Work Environment) Value
Ethanol (CAS 64-17-5)		TWA			1880 mg/m3 1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)		TWA			97 mg/m3
					20 ppm
Isopropanol (CAS 67-63-0)		STEL			1230 mg/m3 500 ppm
		TWA			983 mg/m3 400 ppm
US. OSHA Table Z-1 Limit Components	ts for Air Contai	minants Type	(29 CFR 1910.100		Value
Ethanol (CAS 64-17-5)		PEL			1900 mg/m3
					1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)		PEL			240 mg/m3
					50 ppm
Isopropanol (CAS 67-63-0)		PEL			980 mg/m3 400 ppm
US. ACGIH Threshold Lin	nit Values				
Components		Туре			Value
Ethanol (CAS 64-17-5)		STEL			1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)		TWA			20 ppm
Isopropanol (CAS 67-63-0)		STEL			400 ppm
		TWA			200 ppm
US. NIOSH: Pocket Guide	to Chemical Ha	azards			
Components		Туре			Value
Ethanol (CAS 64-17-5)		TWA			1900 mg/m3 1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)		TWA			24 mg/m3
					5 ppm
Isopropanol (CAS 67-63-0)		STEL			1225 mg/m3 500 ppm
		TWA			980 mg/m3 400 ppm
ogical limit values					
ACGIH Biological Exposu Components	ire Indices Value		Determinant	Specimen	Sampling Time
Ethanol, 2-butoxy- (CAS	200 mg/g		Butoxyacetic	Creatinine	*
Ethanol, 2-buloxy- (CAS 111-76-2)	200 mg/g		acid (BAA), with hydrolysis	in urine	
Isopropanol (CAS 67-63-0)	40 mg/L		Acetone	Urine	*
* - For sampling details, ple	ase see the sou	rce docu	ment.		

* - For sampling details, please see the source document.

Exposure guidelines

Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

US. NIOSH: Pocket Guide to Ethanol, 2-butoxy- (CAS US. OSHA Table Z-1 Limits f		Can be absorbed through the skin. 1910.1000)
Ethanol, 2-butoxy- (CAS	111-76-2)	Can be absorbed through the skin.
Appropriate engineering controls	Ensure adequate ventilation.	
Individual protection measures, Eye/face protection	such as personal protective ed Wear eye protection as appro	• •
Skin protection	wear eye protection as approp	pinate.
Hand protection	Impervious gloves. Nitrile or B	utyl rubber.
Other	As required by employer code	
Respiratory protection	Where exposure guideline leve	els may be exceeded, use an approved NIOSH respirator.
Thermal hazards	Not applicable.	
General hygiene considerations		od industrial hygiene and safety practice. Wash hands before breaks g the product. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Solution, Towel saturated with colorless liquid			
Physical state	Liquid.			
Form	Liquid.			
Color	Colorless liquid on a towel material.			
Odor	Alcohol - like			
Odor threshold	Not available.			
рН	Not available.			
pH concentration	9.4			
Melting point/freezing point	Not available.			
Initial boiling point and boiling range	Not available.			
Pour point	Not available.			
Specific gravity	0.97 g/mL @ 20C			
Partition coefficient (n-octanol/water)	Not available.			
Flash point	88.2 °F (31.2 °C)			
Evaporation rate	Not available.			
Flammability (solid, gas)	Not applicable.			
Upper/lower flammability or expl	losive limits			
Flammability limit - lower (%)	Not available.			
Flammability limit - upper (%)	Not available.			
Explosive limit - lower (%)	Not available.			
Explosive limit - upper (%)	Not available.			
Vapor pressure	Not available.			
Vapor density	Not available.			
Relative density	Not available.			
Solubility(ies)	Not available.			
Auto-ignition temperature	Not available.			
Decomposition temperature	Not available.			
Viscosity	3.1 cSt @ 20C. 1.6 cSt @ 40C			
	10. Stability and Reactivity			
Reactivity	May react with incompatible materials.			
Possibility of hazardous reactions	Hazardous polymerization does not occur.			

reactions	
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid temperatures exceeding the flash point. Do not mix with other chemicals.

Strong oxidizing agents. Acids. Isocyanates. Chlorine. May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Routes of exposure Eye, Skin contact, Skin absorption, Inhalation, Ingestion.		
Information on likely routes of ex	posure	
Ingestion	Ingestion May cause stomach distress, nausea or vomiting.	
Inhalation	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.	
Skin contact	Harmful in contact with skin.	
Eye contact	Causes serious eye irritation.	
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.	

Information on toxicological effects

Acute toxicity Harmful in contact with skin.

Components	Species	Test Results
Didecyl dimethyl ammoniun	n chloride (CAS 7173-51-5)	
Acute		
Dermal		
LD50	Rabbit	500 mg/kg
Inhalation		
LC50	Not available	
Oral		"
LD50	Mouse	268 mg/kg
	Rat	84 mg/kg
Ethanol (CAS 64-17-5)		
Acute		
Dermal		
LD50	Rabbit	> 15800 mg/kg
Inhalation	N4	20
LC50	Mouse	39 mg/L, 4 Hours
	Rat	31623 ppm, 4 Hours
		20000 ppm, 10 Hours
		64.1 mg/l/4h
Oral	_	
LD50	Dog	5500 mg/kg
	Guinea pig	5600 mg/kg
	Mouse	3450 mg/kg
	Rat	7060 mg/kg
Ethanol, 2-butoxy- (CAS 11	1-76-2)	
Acute		
Dermal		
LD50	Guinea pig	207 mg/kg
	Rabbit	400 mg/kg
		220 mg/kg
		99 mg/kg
	Rat	99 mg/kg
Inhalation		
LC50	Mouse	700 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
		2.2 mg/L, 4 Hours
Oral		-
LD50	Guinea pig	1200 mg/kg

Components	Species	Test Results	
	Mouse	1200 mg/kg	
	Rabbit	320 mg/kg	
	Rat	470 mg/kg	
sopropanol (CAS 67-63-0)			
Acute			
Dermal		40000	
LD50	Rabbit	12800 mg/kg	
Inhalation LC50	Rat	16970 mg/l/4h	
Oral	Nai	10970 mg///4m	
LD50	Dog	4797 mg/kg	
2000	Mouse	3600 mg/kg	
	Rabbit	5030 mg/kg	
	Rat	4396 mg/kg	
		4390 mg/kg	
Skin corrosion/irritation	Causes skin irritation.		
Exposure minutes	Not available.		
Erythema value	Not available.		
Oedema value	Not available.		
Serious eye damage/eye rritation	Causes serious eye irritation.		
Corneal opacity value	Not available.		
Iris lesion value	Not available.		
Conjunctival reddening value	Not available.		
Conjunctival oedema value	Not available.		
Recover days	Not available.		
Respiratory or skin sensitizatio Canada - Alberta OELs: Irri			
Ethanol, 2-butoxy- (CAS	111-76-2)	Irritant	
Respiratory sensitization	Not available.		
Skin sensitization	Not classified.		
Mutagenicity	Not classified.		
Carcinogenicity	Not classified.		
ACGIH Carcinogens			
Ethanol, 2-butoxy- (CAS		A3 Confirmed animal carcinogen with unknown relevance to humans.	
Isopropanol (CAS 67-63 Canada - Manitoba OELs: c		A4 Not classifiable as a human carcinogen.	
2-BUTOXYETHANOL (EGBE) (CAS 111-76-2) 2-PROPANOL (CAS 67-63-0)		Confirmed animal carcinogen with unknown relevance to humans Not classifiable as a human carcinogen.	
ETHANOL (CAS 64-17-3 IARC Monographs, Overall	5) Evaluation of Carcinogenicity	Confirmed animal carcinogen with unknown relevance to humans	
Ethanol (CAS 64-17-5)	gonolly	Volume 44, Volume 96, Volume 100E	
Ethanol, 2-butoxy- (CAS	111-76-2)	Volume 96, Volume 100E Volume 88 - 3 Not classifiable as to carcinogenicity to humans.	
	ulated Substances (29 CFR 191		
Reproductive toxicity	Not classified.		
Feratogenicity	Not classified.		
Specific target organ toxicity - single exposure	Narcotic effects.		
•	Not classified.		
Specific target organ toxicity - repeated exposure Aspiration hazard	Not classified.		

12. Ecological Information

Ecotoxicity	See below		
Ecotoxicological data			
Components		Species	Test Results
Didecyl dimethyl ammonium chlo			
Fish	LC50	White sturgeon (Acipenser transmontanus)	0.001 - 0.01 mg/L, 96 hours
Ethanol (CAS 64-17-5)			
Crustacea	EC50	Daphnia	11744.5 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	7.7 - 11.2 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/L, 96 hours
Ethanol, 2-butoxy- (CAS 111-76-2	2)		
Crustacea	EC50	Daphnia	1819 mg/L, 48 Hours
Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/L, 96 hours
sopropanol (CAS 67-63-0)			
Algae	IC50	Algae	1000 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/L, 96 hours
Persistence and degradability	No data is av	vailable on the degradability of this product.	
Bioaccumulative potential	No data ava		
Nobility in soil	No data ava	ilable.	
Mobility in general	Not available	2.	
Other adverse effects	No other adv	verse environmental effects (e.g. ozone deple	tion, photochemical ozone creation
	potential, en	docrine disruption, global warming potential)	are expected from this component
		,	are expected from this component.
		13. Disposal Considerations	are expected from this component.
	Dispose of c	13. Disposal Considerations ontents/container in accordance with local/re	
Local disposal regulations	Dispose of c Dispose in a	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations.	egional/international regulations.
Local disposal regulations Waste from residues / unused	Dispose of c Dispose in a Empty conta container is o	13. Disposal Considerations ontents/container in accordance with local/re	egional/international regulations. o follow label warnings even after
Local disposal regulations Waste from residues / unused products	Dispose of c Dispose in a Empty conta container is See disposa	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, seemptied. The material and its container must	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner.
Local disposal regulations Waste from residues / unused products Towelette Disposal	Dispose of c Dispose in a Empty conta container is See disposa Do not reuse	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, seemptied. The material and its container must l instructions.	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet.
Local disposal regulations Waste from residues / unused products Towelette Disposal	Dispose of c Dispose in a Empty conta container is See disposa Do not reuse	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, seemptied. The material and its container must l instructions.	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet.
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods	Dispose of c Dispose in a Empty conta container is See disposa Do not reuse Offer unusab	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, seemptied. The material and its container must l instructions. to towelette. Dispose of use towelette in trashole broken containers for recycling. If recycling	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusab	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, so emptied. The material and its container musical l instructions. towelette. Dispose of use towelette in trash one broken containers for recycling. If recycling 14. Transport Information we with Part 2.2.1 (SOR/2014-152) of the Tra	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusab In accordance Regulations, tion (DOT)	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, so emptied. The material and its container musical l instructions. towelette. Dispose of use towelette in trash one broken containers for recycling. If recycling 14. Transport Information we with Part 2.2.1 (SOR/2014-152) of the Tra	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusat In accordanc Regulations, tion (DOT) goods. us solutions of a	13. Disposal Considerations ontents/container in accordance with local/re ccordance with all applicable regulations. iners may contain some product residues, so emptied. The material and its container musi- l instructions. towelette. Dispose of use towelette in trash- ble broken containers for recycling. If recycling 14. Transport Information we certify that the classification of this produ- lcohol exemption	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusab offer unusab In accordanc Regulations, tion (DOT) goods. us solutions of a coods (TDG - Ca	13. Disposal Considerations ontents/container in accordance with local/re ccordance with all applicable regulations. iners may contain some product residues, so emptied. The material and its container musi- l instructions. towelette. Dispose of use towelette in trash- ble broken containers for recycling. If recycling 14. Transport Information we certify that the classification of this produ- lcohol exemption	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G Not regulated as dangerous	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusat offer unusat In accordance Regulations, tion (DOT) goods. us solutions of a boods (TDG - Ca goods.	13. Disposal Considerations ontents/container in accordance with local/re ccordance with all applicable regulations. iners may contain some product residues, so emptied. The material and its container musi- l instructions. towelette. Dispose of use towelette in trash- ble broken containers for recycling. If recycling 14. Transport Information we certify that the classification of this produ- lcohol exemption	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras nsportation of Dangerous Goods ict is correct as of the SDS date of issue.
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G Not regulated as dangerous Road/Rail: 1.36 Class 3, Fla	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusat offer unusat In accordance Regulations, tion (DOT) goods. us solutions of a boods (TDG - Ca goods.	13. Disposal Considerations ontents/container in accordance with local/re- ccordance with all applicable regulations. iners may contain some product residues, so emptied. The material and its container musi- l instructions. towelette. Dispose of use towelette in trash- ble broken containers for recycling. If recycling 14. Transport Information we with Part 2.2.1 (SOR/2014-152) of the Tra- we certify that the classification of this produ- lcohol exemption anada)	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras nsportation of Dangerous Goods ict is correct as of the SDS date of issue.
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G Not regulated as dangerous Road/Rail: 1.36 Class 3, Fla Air: 12.1(2), ICAO TI A58	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusat In accordance Regulations, tion (DOT) goods. us solutions of a coods (TDG - Ca goods. mmable Liquids	13. Disposal Considerations ontents/container in accordance with local/recordance with all applicable regulations. iners may contain some product residues, seemptied. The material and its container must l instructions. towelette. Dispose of use towelette in trash ole broken containers for recycling. If recycling 14. Transport Information we certify that the classification of this product cohol exemption anada)	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras nsportation of Dangerous Goods loct is correct as of the SDS date of issue.
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G Not regulated as dangerous Road/Rail: 1.36 Class 3, Fla Air: 12.1(2), ICAO TI A58	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusab In accordance Regulations, tion (DOT) goods. us solutions of a coods (TDG - Ca goods. mmable Liquids This product contains all t	13. Disposal Considerations ontents/container in accordance with local/re ccordance with all applicable regulations. iners may contain some product residues, se emptied. The material and its container music l instructions. to towelette. Dispose of use towelette in trash ble broken containers for recycling. If recycling 14. Transport Information ce with Part 2.2.1 (SOR/2014-152) of the Tra we certify that the classification of this product cohol exemption anada) Alcoholic Beverage and Aqueous Solution of the seen classified in accordance with the here	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras nsportation of Dangerous Goods loct is correct as of the SDS date of issue.
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G Not regulated as dangerous Road/Rail: 1.36 Class 3, Fla Air: 12.1(2), ICAO TI A58	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusate offer unusate in accordance Regulations, tion (DOT) goods. us solutions of a boods (TDG - Ca goods. mmable Liquids This product contains all t DIN 0248898	13. Disposal Considerations ontents/container in accordance with local/re ccordance with all applicable regulations. iners may contain some product residues, se emptied. The material and its container music l instructions. a towelette. Dispose of use towelette in trash ble broken containers for recycling. If recycling 14. Transport Information are with Part 2.2.1 (SOR/2014-152) of the Tra we certify that the classification of this produ cohol exemption anada) Alcoholic Beverage and Aqueous Solution of 15. Regulatory Information has been classified in accordance with the h he information required by the HPR. B1, DIN 02488973	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in tras nsportation of Dangerous Goods loct is correct as of the SDS date of issue.
Local disposal regulations Waste from residues / unused products Towelette Disposal Container disposal Transport of Dangerous Goods (TDG) Proof of Classification U.S. Department of Transportat Not regulated as dangerous 49 CFR 173.150 (e)- Aqueou Transportation of Dangerous G Not regulated as dangerous Road/Rail: 1.36 Class 3, Fla Air: 12.1(2), ICAO TI A58 Canadian federal regulations Canada CEPA Schedule I: Ethanol, 2-butoxy- (CAS	Dispose of c Dispose in a Empty conta container is o See disposa Do not reuse Offer unusab is In accordance Regulations, tion (DOT) goods. us solutions of a goods. mmable Liquids. This product contains all t DIN 0248898 Listed substan S 111-76-2)	13. Disposal Considerations ontents/container in accordance with local/re- coordance with all applicable regulations. iners may contain some product residues, se- emptied. The material and its container must l instructions. towelette. Dispose of use towelette in trash- ble broken containers for recycling. If recycling 14. Transport Information we certify that the classification of this produ- lochol exemption anada) Alcoholic Beverage and Aqueous Solution of 15. Regulatory Information has been classified in accordance with the h- he information required by the HPR. B1, DIN 02488973 ce Listed.	egional/international regulations. o follow label warnings even after t be disposed of in a safe manner. . Do not flush in toilet. g is not available, discard container in trass insportation of Dangerous Goods loct is correct as of the SDS date of issue.
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Ethanol, 2-butoxy- (CAS 1 Isopropanol (CAS 67-63-0 Canada Priority Substances))	1 TONNES 1 TONNES bstance	
Ethanol, 2-butoxy- (CAS 1 Export Control List (CEPA 1		Listed.	
Not listed. Greenhouse Gases			
Not listed. Precursor Control Regulatio	ns		
Not regulated.	_		
WHMIS 2015 Exemptions	Exempt		
US federal regulations	Agency and is subject to cert requirements differ from the c sheets (SDS), and for workpl	ain labeling requireme classification criteria a ace labels of non-pes el is reproduced below	the United States Environmental Protection ents under federal pesticide law. These nd hazard information required for safety data ticide chemicals. The hazard information y. The pesticide label also includes other
		nestic animals. e eye irritation. Avoid	contact with eyes and clothing. Wash thoroughly ing and drinking, chewing gum, using tobacco or
TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substan Ethanol, 2-butoxy- (CAS 1	nce List (40 CFR 302.4)	pt. D) Listed.	
Isopropanol (CAS 67-63-0 US. OSHA Specifically Regu Not listed.))	Listed.	
Superfund Amendments and Rea Hazard categories	authorization Act of 1986 (SA Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No	RA)	
SARA 302 Extremely hazardous substance	No		
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting)			
Chemical name		CAS number	% by wt.
Isopropanol Ethanol, 2-butoxy-		67-63-0 111-76-2	10 - 30 3 - 7
Other federal regulations Clean Air Act (CAA) Section	112 Hazardous Air Pollutant	s (HAPs) List	
Not regulated. Clean Air Act (CAA) Section	112(r) Accidental Release Pr	evention (40 CFR 68	3.130)
Not regulated.			
US state regulations	See below		
US - California Hazardou	us Substances (Director's): L	isted substance	
Ethanol (CAS 64-17-		Listed.	
Ethanol, 2-butoxy- (C	,	Listed.	
Isopropanol (CAS 67	-63-0)	Listed.	
	afety Act: Listed substance		
Ethanol (CAS 64-17- Ethanol, 2-butoxy- (C Isopropanol (CAS 67	AS 111-76-2)		

	US - Louisiana Spill Reporting: Listed substance Ethanol (CAS 64-17-5)	Listed.
	Ethanol, 2-butoxy- (CAS 111-76-2)	Listed.
	Isopropanol (CAS 67-63-0)	Listed.
I	US - Minnesota Haz Subs: Listed substance	
	Ethanol (CAS 64-17-5)	Listed.
	Ethanol, 2-butoxy- (CAS 111-76-2)	Listed.
	Isopropanol (CAS 67-63-0)	Listed.
l l	US - New Jersey RTK - Substances: Listed substa	ince
	Ethanol (CAS 64-17-5)	
	Ethanol, 2-butoxy- (CAS 111-76-2)	
	Isopropanol (CAS 67-63-0)	
	US - Texas Effects Screening Levels: Listed subst	
	Didecyl dimethyl ammonium chloride (CAS 7173-51-5)	Listed.
	Ethanol (CAS 64-17-5)	Listed.
	Ethanol, 2-butoxy- (CAS 111-76-2)	Listed.
	Isopropanol (CAS 67-63-0)	Listed.
, i	US. Massachusetts RTK - Substance List	
	Ethanol (CAS 64-17-5)	
	Ethanol, 2-butoxy- (CAS 111-76-2)	
	Isopropanol (CAS 67-63-0) US. New Jersey Worker and Community Right-to-	Know Act
,		
	Ethanol, 2-butoxy- (CAS 111-76-2) Isopropanol (CAS 67-63-0)	
	US. Pennsylvania Worker and Community Right-to	
	Ethanol (CAS 64-17-5) Ethanol, 2-butoxy- (CAS 111-76-2)	
	Isopropanol (CAS 67-63-0)	
I	US. Rhode Island RTK	
	Ethanol, 2-butoxy- (CAS 111-76-2)	
	Isopropanol (CAS 67-63-0)	
US. (California Proposition 65	
	California Safe Drinking Water and Toxic Enforcemer any chemicals currently listed as carcinogens or repro	nt Act of 1986 (Proposition 65): This material is not known to contain oductive toxins.
	retetue	

Inventory status

MP-REF-61160S

Country(s) or region	Inventory name C	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all compon	ents of this product comply with the inventory requirements administered by the governing	g country(s)

16. Other Information

LEGEND	HEALTH * 2
Severe 4 Serious 3	FLAMMABILITY 3 2 0
Moderate2Slight1Minimal0	PHYSICAL HAZARD 0 PERSONAL X PROTECTION X
Disclaimer	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Issue date	26-November-2020
Version #	03
Effective date	26-November-2020
Other information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.