



1. Identification

SAFETY DATA SHEET

1. Identification			
Product identifier	VEGAN 20280US		
Other means of identification			
Product Code	07844 101814 604		
Recommended use	Not available.		
Manufacturer/Importer/Supplier/D	Distributor information		
Manufacturer			
Company name	Quest Industrial Products, LLC.		
Address	N92 W14701 Anthony Avenue		
	Menomonee Falls, WI 53051 United States		
Telephone	Phone	(262) 255-950	0
Website	quest-ip.com	(202) 200-000	
E-mail	info@quest-ip.com		
Emergency phone number	Chemtrec Phone	800-424-9300)
2. Hazard(s) identification			
Physical hazards	Flammable aerosols		Category 1
	Gases under pressure		Liquefied gas
Health hazards	Serious eye damage/eye irritati	on	Category 2A
	Carcinogenicity		Category 2
	Reproductive toxicity (the unbo	rn child)	Category 2
	Specific target organ toxicity, si	ngle exposure	Category 3 narcotic effects
	Specific target organ toxicity, re exposure	peated	Category 2
Environmental hazards	Hazardous to the aquatic environ hazard	onment, acute	Category 1
	Hazardous to the aquatic enviro long-term hazard	onment,	Category 3
OSHA defined hazards	Not classified.		
Label elements			
Signal word	Danger		
Hazard statement	serious eye irritation. May caus Suspected of damaging the unit	e drowsiness o oorn child. May	nder pressure; may explode if heated. Causes r dizziness. Suspected of causing cancer. cause damage to organs through prolonged or farmful to aquatic life with long lasting effects.
Precautionary statement			
Prevention	and understood. Keep away fro spray on an open flame or othe even after use. Do not breathe	m heat/sparks/ r ignition sourc mist or vapor. \ id release to th	handle until all safety precautions have been read open flames/hot surfaces No smoking. Do not e. Pressurized container: Do not pierce or burn, Wash thoroughly after handling. Use only outdoors e environment. Wear protective gloves/protective

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Response	If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. Collect spillage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	52.35% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 52.28% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	30 to <40
PROPANE		74-98-6	10 to <20
ETHYL ACETATE		141-78-6	5 to <10
METHYL ETHYL KETONE		78-93-3	5 to <10
N-BUTANE		106-97-8	5 to <10
TOLUENE		108-88-3	5 to <10
AMORPHOUS PRECIPITATED SILICA		112926-00-8	1 to <5
N-BUTYL ACETATE		123-86-4	1 to <5
PROPYLENE GLYCOL METHYL ETHER ACETATE		108-65-6	1 to <5
COPPER		7440-50-8	0.1 to <1
ETHYLBENZENE		100-41-4	0.1 to <1
Other components below reportable level	ls		10 to <20

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	No adverse effects due to skin contact are expected. Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. No specific first aid measures noted.
Ingestion	Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
5. Fire-fighting measures	

Suitable extinguishing media

Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

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Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this w	ill spread the fire.		
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.			
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.			
Fire fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.		Containers should be cooled irgo area, use unmanned hose	
Specific methods		Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not be a standard for the standar		
General fire hazards	Extremely flammable aerosol. Contents under pre exposed to heat or flame.	essure. Pressurized	d container may explode when	
6. Accidental release meas	sures			
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out o low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.			
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, e away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic she prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.		stibles (wood, paper, oil, etc.) Move the cylinder to a safe and sed. Cover with plastic sheet to the into containers. Prevent	
	Small Spills: Wipe up with absorbent material (e.g. remove residual contamination. For waste dispose			
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.			
7. Handling and storage				
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only ir well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.			
Conditions for safe storage,	Level 2 Aerosol.			
including any incompatibilities	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an ope flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).		t handle or store near an open te static charge which may upright position at all times,	
8. Exposure controls/pers	onal protection			
Occupational exposure limits	-			
US. OSHA Table Z-1 Limits 1 Components	or Air Contaminants (29 CFR 1910.1000) Type	Value	Form	
ACETONE (CAS 67-64-1)	PEL	2400 mg/m3		
		1000 ppm		

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US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	Form
COPPER (CAS 7440-50-8)	PEL	1 mg/m3 0.1 mg/m3	Dust and mist. Fume.
ETHYL ACETATE (CAS 141-78-6)	PEL	1400 mg/m3	
		400 ppm	
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m3	
		100 ppm	
METHYL ETHYL KETONE (CAS 78-93-3)	PEL	590 mg/m3	
N-BUTYL ACETATE (CAS	PEL	200 ppm 710 mg/m3	
123-86-4)		/ to hig/hio	
	85	150 ppm	
PROPANE (CAS 74-98-6)	PEL	1800 mg/m3	
US OSHA Table 7-2 (29 CER 1910 1000)		1000 ppm	
US. OSHA Table Z-2 (29 CFR 1910.1000) Components	Туре	Value	
TOLUENE (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	
US. OSHA Table Z-3 (29 CFR 1910.1000) Components	Туре	Value	
AMORPHOUS PRECIPITATED SILICA (CAS 112926-00-8)	TWA	0.8 mg/m3	
		20 mppcf	
US. ACGIH Threshold Limit values			
	Туре	Value	
Components	Type STEL	Value 750 ppm	
Components ACETONE (CAS 67-64-1)	STEL TWA	750 ppm 500 ppm	
Components ACETONE (CAS 67-64-1) ETHYL ACETATE (CAS 141-78-6)	STEL TWA TWA	750 ppm 500 ppm 400 ppm	
Components ACETONE (CAS 67-64-1) ETHYL ACETATE (CAS 141-78-6) ETHYLBENZENE (CAS	STEL TWA	750 ppm 500 ppm	
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TWA 125 ppm METHYL ETHYL KETONE STEL 885 mg/m3 ICAS 76-93-3) TWA 300 ppm N-BUTANE (CAS 106-97-8) TWA 1900 mg/m3 N-BUTANE (CAS 106-97-8) TWA 1900 mg/m3 N-BUTYL ACETATE (CAS STEL 950 mg/m3 123-96-1) 200 ppm PROPANE (CAS 74-98-6) TWA 1800 mg/m3 TOLUENE (CAS 106-87-3) TWA 1800 mg/m3 TOLUENE (CAS 106-88-3) STEL 960 mg/m3 TOLUENE (CAS 106-88-3) STEL 560 mg/m3 TOLUENE (CAS 106-88-3) STEL 160 ppm TWA 755 mg/m3 100 ppm TWA 150 ppm TWA 375 mg/m3 TOLUENE (CAS 106-88-3) STEL 560 mg/m3 TOLUENE (CAS 106-88-3) STEL 560 mg/m3 TWA 755 mg/m3 100 ppm Componentia Type Value PROPYLENE GLYCOL TWA 50 ppm METHYL ETHER ACETATE Componentia So ppm Componentia Value Determinant Specimen ACETONE (CAS 107-84-1) 50 mg/l Acetone Urine Componentia Value Determinant Specimen Component	US. NIOSH: Pocket Guide Components	Туре		Valu	le	Form	
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N-BUTYL ACETATE (CAS STEL 800 ppm 123-86-4) TWA 200 ppm TWA 710 mg/m3 PROPANE (CAS 74-98-6) TWA 1800 pgm TOLUENE (CAS 108-88-3) STEL 560 mg/m3 TOLUENE (CAS 108-88-3) STEL 560 mg/m3 TOLUENE (CAS 108-88-3) STEL 560 mg/m3 TWA 150 ppm 100 ppm TWA 150 ppm 100 ppm TWA 150 ppm 100 ppm US. Workplace Environmental Exposure Level (WEEL) Guides TWA 50 ppm Components Type Value PROPYLENE GLYCOL TWA 50 ppm METHYL ETHER ACETATE (CAS 108-85-6) TWA So ppm ACETONE (CAS 67-64-1) 50 mg/l Acetone Urine ACETONE (CAS 108-86-3) 0.15 g/g Sum of and and and and and biological Exposure Indices Ceratinine in * Components Value Value Urine * CiCAS 76-83-3) 0.3 mg/g o-Cresol, with origine origine 0.02 mg/l Toluene Urine * 0.03 mg/l Toluene Blood * 0.02 mg/l Toluene Urine * 0.03 mg/l Toluene	N-BUTANE (CAS 106-97-8)) TWA			• •		
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PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6) TOLUENE (CAS 108-88-3) Can be absorbed through the skin. US - Minnesota Haz Subs: Skin designation applies TOLUENE (CAS 108-88-3) Skin designation applies. orpopriate engineering ntrols Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilatior or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Prove eyewash station.	•	designation					
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TOLUENE (CAS 108-88-3) Can be absorbed through the skin. US - Minnesota Haz Subs: Skin designation applies TOLUENE (CAS 108-88-3) Skin designation applies. propriate engineering ntrols Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilatior or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Prove eyewash station. ividual protection measures, such as personal protective equipment				absorbed throug	n die Skin.		
US - Minnesota Haz Subs: Skin designation applies TOLUENE (CAS 108-88-3) Skin designation applies. propriate engineering htrols Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Prov eyewash station. ividual protection measures, such as personal protective equipment	. , , , , , , , , , , , , , , , , , , ,	.8-3)	Can be	absorbed throug	h the skin.		
propriate engineering htrolsGood general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Prov eyewash station.ividual protection measures, such as personal protective equipment	US - Minnesota Haz Subs:	Skin designation app	lies	-			
 should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Proversevents eyewash station. ividual protection measures, such as personal protective equipment 	TOLUENE (CAS 108-8	8-3)	Skin de	esignation applies			
 should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Proversevents eyewash station. ividual protection measures, such as personal protective equipment 	propriate engineering	Good general ventil	ation (typically 10 a	ir changes per ho	our) should be	e used. Ventilation rates	
	ntrols	should be matched	to conditions. If app controls to mainta	olicable, use proce in airborne levels	ess enclosure below recom	es, local exhaust ventilation mended exposure limits. If	
		exposure limits have	e not been establis				
	ividual protection measure	exposure limits have eyewash station.		nt			
	•	exposure limits have eyewash station. s, such as personal pr	otective equipme				
	•	exposure limits have eyewash station. s, such as personal pr	otective equipme				

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Skin protection Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
Other	Wear suitable protective clothing.
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Aerosol. Liquefied gas.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-305.68 °F (-187.6 °C) estimated
Initial boiling point and boiling range	-43.78 °F (-42.1 °C) estimated
Flash point	-156.0 °F (-104.4 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1.3 % estimated
Flammability limit - upper (%)	12.8 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	2412.71 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	550 °F (287.78 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	6.27 lbs/gal
Flammability class	Flammable IA estimated
Heat of combustion (NFPA 30B)	27.22 kJ/g estimated
Percent volatile	86.74
Specific gravity	0.75
voc	4.8172962 lbs/gal Regulatory 375.609799 g/l Material 3.1346157 lbs/gal Material 577.239391 g/l Regulatory

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10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Nitrates. Ammonia. Amines. Isocyanates. Fluorine. Caustics. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
In the second seco	

Information on toxicological effects

Acute toxicity	Narcotic effects.	
Components	Species	Test Results
ACETONE (CAS 67-64-1)		
Acute		
Dermal		
LD50	Rabbit	> 15800 mg/kg
Inhalation		
LC50	Rat	76 mg/l, 4 Hours
Oral		
LD50	Mouse	3000 mg/kg
	Rat	5800 mg/kg
AMORPHOUS PRECIPITA	ATED SILICA (CAS 112926-00-8)	
Acute		
Oral		
LD50	Mouse	> 15000 mg/kg
	Rat	> 22500 mg/kg
ETHYL ACETATE (CAS 14	41-78-6)	
Acute		
Inhalation		
LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours
	Rat	4000 ppm, 4 Hours
Oral		
LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg

Components	Species	Test Results
ETHYLBENZENE (CAS 100-4	1-4)	
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg
AETHYL ETHYL KETONE (C.	AS 78-93-3)	
Acute		
Dermal LD50	Rabbit	> 8000 mg/kg
	Rabbit	> 8000 mg/kg
Inhalation	Maura	11000 ppm 45 Minutos
LC50	Mouse	11000 ppm, 45 Minutes
	Rat	11700 ppm, 4 Hours
Oral	Mariaa	
LD50	Mouse	670 mg/kg
	Rat	2300 - 3500 mg/kg
N-BUTANE (CAS 106-97-8)		
Acute		
Inhalation LC50	Maura	680 mg/L 2 Hours
EC30	Mouse	680 mg/l, 2 Hours
	Rat	658 mg/l, 4 Hours
I-BUTYL ACETATE (CAS 12	3-86-4)	
<u>Acute</u>		
Inhalation LC50	Wistar rat	160 mg/L 4 Hours
	vvistal lat	160 mg/l, 4 Hours
Oral LD50	Rat	14000 mg/kg
	Rai	14000 Hig/kg
PROPANE (CAS 74-98-6)		
<u>Acute</u> Inhalation		
LC50	Rat	> 1442.847 mg/l, 15 Minutes
TOLUENE (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	12124 mg/kg
		14.1 ml/kg
Inhalation		· · · · · ·······
LC50	Mouse	5320 ppm, 8 Hours
		400 ppm, 24 Hours
	Rat	26700 ppm, 1 Hours
	Nat	•••
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours
Oral	Det	
LD50	Rat	2.6 g/kg
* Estimates for product ma	ay be based on additional component data	a not shown.
Skin corrosion/irritation	Prolonged skin contact may cause t	
Serious eye damage/eye	Causes serious eye irritation.	
rritation	·····	

– • • • • • • •				
Respiratory or skin sensitizatior				
Respiratory sensitization	Not a respiratory sensitizer.			
Skin sensitization	This product is not expected to cause skin sensitization.			
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.			
Carcinogenicity	Suspected of causing cancer.			
IARC Monographs. Overall Evaluation of Carcinogenicity				
AMORPHOUS PRECIPITATED SILICA (CAS 112926-00-8)		3 Not classifiable as to carcinogenicity to humans.		
ETHYLBENZENE (CAS 1	100-41-4)	2B Possibly carcinogenic to humans.		
TOLUENE (CAS 108-88-3)		3 Not classifiable as to carcinogenicity to humans.		
OSHA Specifically Regulate	d Substances (29 CFR 1910.1)	001-1050)		
Not listed.				
Reproductive toxicity	Suspected of damaging the unborn child.			
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.			
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.			
Aspiration hazard	Not an aspiration hazard.			
Chronic effects	May cause damage to organs be harmful. Prolonged exposu	through prolonged or repeated exposure. Prolonged inhalation may ire may cause chronic effects.		

12. Ecological information

toxicity		aquatic life. Harmful to aquatic life with long	•
Components		Species	Test Results
ACETONE (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
COPPER (CAS 7440-50-8)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0.036 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.0319 - 0.0544 mg/l, 96 hours
ETHYL ACETATE (CAS 141	1-78-6)		
Aquatic			
Fish	LC50	Indian catfish (Heteropneustes fossilis)	200.32 - 225.42 mg/l, 96 hours
ETHYLBENZENE (CAS 100	-41-4)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
METHYL ETHYL KETONE ((CAS 78-93-3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours
N-BUTYL ACETATE (CAS 1	123-86-4)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	17 - 19 mg/l, 96 hours
TOLUENE (CAS 108-88-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours

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 Version #: 01
 Issue date:
 04-21-2015

Components		Species	Test Results
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
* Estimates for product may be	e based on a	additional component data not show	n.
Persistence and degradability	No data is	available on the degradability of this	s product.
Bioaccumulative potential			
Partition coefficient n-octane	ol / water (lo	•	
ACETONE ETHYL ACETATE		-0.24 0.73	
ETHYLBENZENE		3.15	
METHYL ETHYL KETONE		0.29	
N-BUTANE N-BUTYL ACETATE		2.89 1.78	
PROPANE		2.36	
TOLUENE		2.73	
Mobility in soil	No data av	vailable.	
Other adverse effects			pzone depletion, photochemical ozone creation potential) are expected from this component.
13. Disposal consideration	ıs		
Disposal instructions	under pres sewers/wa	sure. Do not puncture, incinerate or ter supplies. Do not contaminate po Dispose of contents/container in acc	iners at licensed waste disposal site. Contents r crush. Do not allow this material to drain into nds, waterways or ditches with chemical or used cordance with local/regional/national/international
Local disposal regulations	Dispose in	accordance with all applicable regu	llations.
Hazardous waste code	The waste disposal co		sion between the user, the producer and the waste
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).		
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.		
14. Transport information			
рот			
UN number	UN1950		
UN proper shipping name Transport hazard class(es)	Aerosols, f	lammable, 2.1	
Class	Not availat	ble.	
Subsidiary risk Packing group	- Not applica	able	
		ty instructions, SDS and emergency	procedures before handling.
UN number	UN1950		
UN proper shipping name Transport hazard class(es)		lammable, 2.1	
Class Subsidiony risk	Not availat	ble.	
Subsidiary risk Packing group	- Not applica	able.	
Environmental hazards	No.		
Special precautions for user Other information	 Read safet 	ty instructions, SDS and emergency	procedures before handling.
Passenger and cargo aircraft	Forbidden.		
Cargo aircraft only	Forbidden.		
IMDG UN number	UN1950		
Material pame: VECAN 20280US			000.00

UN proper shipping name Transport hazard class(es)	Aerosols, flammable, 2.1		
Class	Not available.		
Subsidiary risk	-		
Packing group Environmental hazards	Not applicable.		
Marine pollutant	No.		
EmS	Not available.		
Special precautions for use		DS and emergency p	procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.		
15. Regulatory information	า		
US federal regulations	This product is a "Hazardou Standard, 29 CFR 1910.12 All components are on the	00.	ned by the OSHA Hazard Communication
TSCA Section 12(b) Export			
Not regulated.		,	
CERCLA Hazardous Substa	nce List (40 CFR 302.4)		
ACETONE (CAS 67-64-1	,	Listed.	
COPPER (CAS 7440-50-	•	Listed. Listed.	
ETHYL ACETATE (CAS ETHYLBENZENE (CAS 1		Listed.	
METHYL ETHYL KETON		Listed.	
N-BUTANE (CAS 106-97		Listed.	
N-BUTYL ACETATE (CA PROPANE (CAS 74-98-6		Listed. Listed.	
TOLUENE (CAS 108-88-		Listed.	
SARA 304 Emergency released	se notification		
Not regulated. OSHA Specifically Regulate	d Substances (29 CFR 1910	0.1001-1050)	
Not listed.			
Superfund Amendments and Re		SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely hazard	lous substance		
Not listed.			
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.
TOLUENE		108-88-3	5 to <10
COPPER		7440-50-8	0.1 to <1
ETHYLBENZENE		100-41-4	0.1 to <1
Other federal regulations			
Clean Air Act (CAA) Section		nts (HAPs) List	
ETHYLBENZENE (CAS 1 TOLUENE (CAS 108-88- Clean Air Act (CAA) Section	3)	Prevention (40 CFR	68.130)
N-BUTANE (CAS 106-97 PROPANE (CAS 74-98-6	-8)		
Safe Drinking Water Act (SDWA)	Not regulated.		
Material name: VEGAN 20280US			
Material name: VEGAN 20280US	agua data: 04 21 2015		SDS US 11 / 13

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and **Chemical Code Number** ACETONE (CAS 67-64-1) 6532 METHYL ETHYL KETONE (CAS 78-93-3) 6714 TOLUENE (CAS 108-88-3) 6594 Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)) ACETONE (CAS 67-64-1) 35 %WV METHYL ETHYL KETONE (CAS 78-93-3) 35 %WV 35 %WV TOLUENE (CAS 108-88-3) **DEA Exempt Chemical Mixtures Code Number** ACETONE (CAS 67-64-1) 6532 METHYL ETHYL KETONE (CAS 78-93-3) 6714 TOLUENE (CAS 108-88-3) 594 **US state regulations** US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) ACETONE (CAS 67-64-1) COPPER (CAS 7440-50-8) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TOLUENE (CAS 108-88-3) **US. Massachusetts RTK - Substance List** ACETONE (CAS 67-64-1) AMORPHOUS PRECIPITATED SILICA (CAS 112926-00-8) COPPER (CAS 7440-50-8) ETHYL ACETATE (CAS 141-78-6) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) N-BUTYL ACETATE (CAS 123-86-4) **PROPANE (CAS 74-98-6)** TOLUENE (CAS 108-88-3) US. New Jersey Worker and Community Right-to-Know Act ACETONE (CAS 67-64-1) AMORPHOUS PRECIPITATED SILICA (CAS 112926-00-8) COPPER (CAS 7440-50-8) ETHYL ACETATE (CAS 141-78-6) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) N-BUTYL ACETATE (CAS 123-86-4) **PROPANE (CAS 74-98-6)** TOLUENE (CAS 108-88-3) US. Pennsylvania Worker and Community Right-to-Know Law ACETONE (CAS 67-64-1) COPPER (CAS 7440-50-8) ETHYL ACETATE (CAS 141-78-6) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) N-BUTYL ACETATE (CAS 123-86-4) **PROPANE (CAS 74-98-6)** TOLUENE (CAS 108-88-3) US. Rhode Island RTK ACETONE (CAS 67-64-1) COPPER (CAS 7440-50-8) ETHYL ACETATE (CAS 141-78-6) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) Material name: VEGAN 20280US SDS US N-BUTANE (CAS 106-97-8) N-BUTYL ACETATE (CAS 123-86-4) PROPANE (CAS 74-98-6) TOLUENE (CAS 108-88-3)

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.

US	6 - California Propositi	on 65 - CRT: Listed date/Carci	inogenic substance	
	4-Methyl-2-pentanone ETHYL ALCOHOL (C	· /	Listed: November 4, 2011 Listed: April 29, 2011 Listed: July 1, 1988	
115	<i>'</i>	AS 100-41-4) NE QUARTZ (CAS 14808-60-7) on 65 - CRT: Listed date/Deve	Listed: June 11, 2004 Listed: October 1, 1988	
	•	LIDONE (CAS 872-50-4)	Listed: June 15, 2001	
	4-Methyl-2-pentanone		Listed: March 28, 2014	
	ETHYL ALCOHOL (C	· /	Listed: October 1, 1987	
	METHANOL (CAS 67	,	Listed: March 16, 2012	
	TOLUENE (CAS 108-	-88-3)	Listed: January 1, 1991	
US	6 - California Propositi	on 65 - CRT: Listed date/Fema	ale reproductive toxin	
	TOLUENE (CAS 108-	-88-3)	Listed: August 7, 2009	
Internation	al Inventories			
Countr	∙y(s) or region	Inventory name		On inventory (yes/no)*
Austral	ia	Australian Inventory of Chemic	al Substances (AICS)	No
Canada	a	Domestic Substances List (DS	L)	No
Canada	a	Non-Domestic Substances List (NDSL)		Yes
China		Inventory of Existing Chemical Substances in China (IECSC)		No
Europe		European Inventory of Existing Commercial Chemical Substances (EINECS)		No
Europe	:	European List of Notified Chem	nical Substances (ELINCS)	No
Japan		Inventory of Existing and New Chemical Substances (ENCS)		No
Korea		Existing Chemicals List (ECL)		No
New Ze	ealand	New Zealand Inventory		No
	ines		als and Chemical Substances	No

Toxic Substances Control Act (TSCA) Inventory United States & Puerto Rico

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date	04-21-2015
Version #	01
HMIS® ratings	Health: 2* Flammability: 4 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 4 Instability: 0
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.

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Yes