


Section 1: Information

Product Name	GB LIQUID TAPE 4 - OZ. Black
Product Code(s)	LTB-400
Recommended Usage	Not available
Manufacturer/Distributor	Power Products LLC (dba Gardner Bender)
Address	N85 W12545 Westbrook Crossing Menomonee Falls, WI 53051
Website	www.powerprodllc.com
Telephone Number	1-800-624-4320
EMERGENCY Telephone Number	Chemtrec: (24/7) 800-424-9300 Or International 703-527-3887

Section 2: Hazard Identification

Physical hazards	Flammable liquids Category 2
Health hazards	Acute toxicity, dermal Category 4 Acute toxicity, inhalation Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Carcinogenicity Category 2 Reproductive toxicity Category 2 Specific target organ toxicity, repeated exposure Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard Category 3 Hazardous to the aquatic environment, long term hazard Category 3
OSHA defined hazards	Not classified.
Label elements	
Signal word	Danger
Hazard statement	Highly flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
Precautionary statement Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

	<p>If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell.</p> <p>If skin irritation occurs: Get medical advice/attention.</p> <p>If eye irritation persists: Get medical advice/attention.</p> <p>Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.</p>
Storage	Store in a well-ventilated place. Keep cool. Store locked up..
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	74.66% of the mixture consists of component(s) of unknown acute dermal toxicity. 82.6% of the mixture consists of component(s) of unknown acute inhalation toxicity. 82.6% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 82.6% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

Section 3 – Composition/Information on Ingredients

Hazardous Components		
Chemical Name	Identifiers (CAS)	% (weight)
ALIPHATIC PETROLEUM DISTILLATES	64742-89-8	30 to <40
XYLENE	1330-20-7	10 to <20
METHYL ETHYL KETONE	78-93-3	5 to <10
ETHYLBENZENE	100-41-4	1 to <5
CARBON BLACK	1333-86-4	0.1 to < 1
Other components below reportable levels		30 to <40
*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.		

Section 4: First-Aid Measures

Descriptions of First Aid Measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical advice/attention if you feel unwell.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse.

Section 5: Fire-Fighting Measures

Extinguishing Media	
Suitable Extinguishing Media	Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly

	grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to 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. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
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.

Section 7 - Handling and Storage

<p>Precautions for safe handling</p>	<p>Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation.</p> <p>Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.</p> <p>For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".</p>
<p>Conditions for safe storage, including any incompatibilities</p>	<p>Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).</p>

Section 8 - Exposure Controls/Personal Protection

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Type	Value	Form
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m ³ 100 ppm	
METHYL ETHYL KETONE (CAS 78-93-3)	PEL	590 mg/m ³ 200 ppm	
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m ³	
XYLENE (CAS 1330-20-7)	PEL	435 mg/m ³ 100 ppm	
US. ACGIH Threshold Limit Values			
Components	Type	Value	
ETHYLBENZENE (CAS 100-41-4)	TWAs	20 ppm	
METHYL ETHYL KETONE (CAS 78-93-3)	STELs	300 ppm	
	TWAs	200 ppm	
CARBON BLACK (CAS 1333-86-4)	TWAs	3 mg/m ³ (Inhalable fraction)	
XYLENE (CAS 1330-20-7)	STELs	150 ppm	
	TWAs	100 ppm	
US. NIOSH: Pocket Guide to Chemical Hazards			
Components	Type	Value	
CARBON BLACK (CAS 1333-86-4)	TWAs	0.1 mg/m ³	
ETHYLBENZENE (CAS 100-41-4)	STELs	545 mg/m ³ 125 ppm	
	TWAs	435 mg/m ³ 100 ppm	
METHYL ETHYL KETONE (CAS 78-93-3)	STELs	885 mg/m ³ 300 ppm	
	TWAs	590 mg/m ³ 200 ppm	
ACGIH Biological Exposure Indices			
Components	Value	Determinant	Specimen
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine
METHYL ETHYL KETONE (CAS 78-93-3)	2 mg/l	MEK	Urine
XYLENE (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine

* For sampling details please see the source document

Exposure controls	
Appropriate engineering controls	Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower must be available when handling this product.
Personal Protective Equipment	
Respiratory	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Eye/Face	Wear safety glasses with side shields (or goggles).
Hands	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Other	Wear appropriate chemical resistant clothing.
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.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties			
Appearance (physical state, color, etc.)	Liquid, Liquid, NDA	Upper/lower flammability or explosive limits	U - 1.8 % / NDA L - 10% / NDA
Odor	NDA	Density	7.16 lbs/gal
Odor Threshold	NDA	Specific Gravity	0.85
pH	NDA	Vapor pressure	49.87 hPa
Melting / Freezing Point	-123.95 °F	Solubility in Water	NDA
Initial Boiling Point	175.26 °F		
Volatiles by Wt. (%):	74.32	VOC - (Regulatory & Material)	5.2843253 lbs/gal
Flammability Class	Flammable IB est.		633.20146 g/l
Auto-ignition temperature	759.2 °F	Flash Point	15.0 °F (-9.4 °C)
Viscosity	NDA		

Section 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	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents. Halogens. Ammonia.

	Amines. Isocyanates. Caustics.
Hazardous decomposition products	No hazardous decomposition products are known.

Section 11 - Toxicological Information

Information on toxicological effects			
Component Name	Acute	Species	Test Results
CARBON BLACK (CAS 1333-86-4)	Oral - LD50	Rat	>8000 mg/kg
ETHYLBENZENE (CAS 100-41-4)	Dermal - LD50	Rabbit	17800 mg/kg
	Oral - LD50	Rat	3500 mg.kg
METHYL ETHYL KETONE (CAS 78-93-3)	Dermal - LD50	Rabbit	>8000 mg/kg
	Inhalation - LC50	Mouse	11000 ppm, 45 minutes
		Rat	117000 ppm, 4 hours
	Oral - LD50	Mouse	370 mg/kg
Rat		2300 - 3500 mg/kg	
XYLENE (CAS 1330-20-7)	Dermal - LD50	Rabbit	>43 mg/kg
	Inhalation - LC50	Mouse	3907 mg/l, 6 hours
		Rat	6350 mg/l, 4 hours
	Oral - LD50	Mouse	1590 mg/kg
Rat		3523 - 8600 mg.kg	

Inhalation	Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
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	
ETHYLBENZENE (CAS 100-41-4)	2B Possibly carcinogenic to humans.
CARBON BLACK (CAS 1333-86-4)	2B Possibly carcinogenic to humans.
XYLENE (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility or the unborn child.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not an aspiration hazard.

Chronic effects	Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause.
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Section 12 - Ecological Information



Ecotoxicity	Harmful to aquatic life with long lasting effects.		
Components	Aquatic	Species	Results
ETHYLBENZENE (CAS 100-41-4)	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)	Crustacea – EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours
	Fish – LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours
XYLENE (CAS 1330-20-7)	Fish – LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours
Bioaccumulative potential - Partition coefficient n-octanol / water (log Kow)			
	ETHYLBENZENE (CAS 100-41-4)	3.15	
	METHYL ETHYL KETONE (CAS 78-93-3)	0.29	
	XYLENE (CAS 1330-20-7)	3.12 – 3.2	
Mobility in Soil	No data available.		
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

Section 13 - Disposal Considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
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.

Section 14 - Transport Information

DOT	
UN Number	UN1139
UN Proper Shipping Name	Coating solution
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	149, IB2, T4, TP1, TP8
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242
IATA	
UN Number	UN1139
UN Proper Shipping Name	Coating solution
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	No
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo Aircraft	Allowed
Cargo aircraft only	Allowed
IMDG	
UN Number	UN1139
UN Proper Shipping Name	Coating solution
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards Marine Pollutant	No
EmS	Not Available
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not Established

Annex II of MARPOL 73/78 and the IBC Code	
DOT	
IATA & IMDG	

Section 15 - Regulatory Information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	
ETHYLBENZENE (CAS 100-41-4)	Listed
METHYL ETHYL KETONE (CAS 78-93-3)	Listed
XYLENE (CAS 1330-20-7)	Listed
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazardous substance	Not Listed
SARA 311/312 Hazardous Chemical	No
SARA 313 (TRI reporting) - Component, CAS, % by Weight	
ETHYLBENZENE (CAS 100-41-4)	10 to < 20%
XYLENE (CAS 1330-20-7)	1 to < 5%
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	ETHYLBENZENE (CAS 100-41-4) XYLENE (CAS 1330-20-7)
Clean Air Act (CAA) Section 112(r) Accidental	Not regulated.

Release Prevention (40 CFR 68.130)	
Safe Drinking Water Act (SDWA)	Not regulated.
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number	
METHYL ETHYL KETONE (CAS 78-93-3)	6714
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))	
METHYL ETHYL KETONE (CAS 78-93-3)	35% WV
DEA Exempt Chemical Mixtures Code Number	
METHYL ETHYL KETONE (CAS 78-93-3)	6714
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))	
ALIPHATIC PETROLEUM DISTILLATES	64742-89-8
ETHYLBENZENE	100-41-4
METHYL ETHYL KETONE	78-93-3
CARBON BLACK	1333-86-4
XYLENE	1330-20-7
US. Massachusetts RTK - Substance List	
ETHYLBENZENE	100-41-4
METHYL ETHYL KETONE	78-93-3
CARBON BLACK	1333-86-4
XYLENE	1330-20-7
US. New Jersey Worker and Community Right-to-Know Act	
ETHYLBENZENE	100-41-4
METHYL ETHYL KETONE	78-93-3
CARBON BLACK	1333-86-4
XYLENE	1330-20-7
US. Pennsylvania Worker and Community Right-to-Know Law	
ETHYLBENZENE	100-41-4
METHYL ETHYL KETONE	78-93-3
CARBON BLACK	1333-86-4
XYLENE	1330-20-7
US. Rhode Island RTK	
ETHYLBENZENE	100-41-4
METHYL ETHYL KETONE	78-93-3
CARBON BLACK	1333-86-4
XYLENE	1330-20-7
US. California Proposition 65	
WARNING: This product contains a chemical known to the State of California to cause cancer.	
US - California Proposition 65 - CRT: Listed date/Carcinogenic substance	

ETHYLBENZENE (CAS 100-41-4)	Listed: June 11, 2004
CARBON BLACK (CAS 1333-86-4)	Listed: February 21, 2003

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
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 Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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).

Section 16 - Other Information

Last Revision Date:	09.01.15
Preparation Date:	09.01.15
HMIS® ratings	Health: 2* Flammability: 3 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 2 Flammability: 3 Instability: 0
Disclaimer/Statement of Liability:	The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current,

	<p>applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.</p>
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Key to abbreviations			
ACGIH	American Conference of Governmental Industrial Hygiene	TWA	Time-Weighted Averages are based on 8h/day, 40h/week exposures
NIOSH	National Institute of Occupational Safety and Health	STEL	Short Term Exposure Limits are based on 15-minute exposures
OSHA	Occupational Safety and Health Administration	STEV	Short Term Exposure Value
MSHA	Mine Safety and Health Administration	TWAEV	Time Weighted Average Exposure Values
MARPOL 73/78	International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, as amended.	IBC Code	International Bulk Chemical Code
IMDG	International Maritime Dangerous Goods	CEPA	<i>Canadian Environmental Protection Act</i>
WHMIS	Workplace Hazardous Materials Information System	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
SARA	Superfund Amendments and Reauthorization Act	TPQs	Threshold Planning Quantities
EPCRA RQ	Emergency Planning & Community Right-to-Know Act Reportable Quantities	PBT	Persistent Bioaccumulative Toxic
N/A	Not Applicable	NDA	Not Data Available