# SAFETY DATA SHEET



# 1. Identification

Product identifier	Markers, GPX Classic, 2018P,	Grizzly (All Colors)
Other means of identification	None.	
Recommended use	Marking.	
<b>Recommended restrictions</b>	None known.	
Manufacturer/Importer/Supplier/	Distributor information	
Company name	Diagraph MSP	
Address	5307 Meadowland Parkway Marion IL 62959	
Telephone	1-800-521-3047	
E-mail	msds@diagraphmsp.com	
Contact person	Customer Service	
Emergency phone number	Emergency telephone	800-535-5053 (US only) +1-352-323-3500 international

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 3
Health hazards	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Carcinogenicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 2 (Central nervous system, Liver, Kidney)
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
OSHA defined hazards	Not classified.	
Label elements	$\wedge \wedge \wedge$	



Danger

Signal word Hazard statement

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure. Toxic to aquatic life.

### Precautionary statement Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response	If exposed or concerned: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

# 3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Xylene (mix)	1330-20-7	40-80
Titanium dioxide	13463-67-7	0-30
Ethylbenzene	100-41-4	5-20
1-Methoxy-2-propanol	107-98-2	0-20
Carbon black	1333-86-4	0-10
Cumene	98-82-8	< 1
Benzene	71-43-2	< 0.1
Naphthalene	91-20-3	< 0.1
Toluene	108-88-3	< 0.1

### 4. First-aid measures

media

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 contact	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 contact	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	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Abdominal pain. Decrease in motor functions. Behavioral changes. Narcosis. Dizziness. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Jaundice. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Edema. 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.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing** 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. 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.
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	Flammable liquid and vapor.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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. 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	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. This product is miscible in water.
	Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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.
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. 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. 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. 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.
Conditions for safe storage, including any incompatibilities	Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. 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. Storage temperature: between 2 and 49°C. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

Components	Туре	Value Form
Carbon black (CAS 1333-86-4)	PEL	3.5 mg/m3
Cumene (CAS 98-82-8)	PEL	245 mg/m3 50 ppm
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3
		100 ppm

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

Components	Туре	Value	Form
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
(ylene (mix) (CAS 1330-20-7)	PEL	435 mg/m3	
000 20 1)		100 ppm	
JS. ACGIH Threshold Limit Values	i		
Components	Туре	Value	Form
-Methoxy-2-propanol (CAS 07-98-2)	STEL	100 ppm	
	TWA	50 ppm	
Carbon black (CAS 333-86-4)	TWA	3.5 mg/m3	Inhalable fraction.
Cumene (CAS 98-82-8)	TWA	50 ppm	
Ethylbenzene (CAS I 00-41-4)	TWA	20 ppm	
Titanium dioxide (CAS 3463-67-7)	TWA	10 mg/m3	
(ylene (mix) (CAS	STEL	150 ppm	
1330-20-7)	TWA	100 ppm	
330-20-7)		100 ppm	
330-20-7)		100 ppm <b>Value</b>	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS	ical Hazards		
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS	ical Hazards Type	<b>Value</b> 540 mg/m3 150 ppm	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS	ical Hazards Type	Value 540 mg/m3 150 ppm 360 mg/m3	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2)	ical Hazards Type STEL TWA	Value 540 mg/m3 150 ppm 360 mg/m3 100 ppm	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components I-Methoxy-2-propanol (CAS 107-98-2) Carbon black (CAS	ical Hazards Type STEL	Value 540 mg/m3 150 ppm 360 mg/m3	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2) Carbon black (CAS 333-86-4)	ical Hazards Type STEL TWA	Value 540 mg/m3 150 ppm 360 mg/m3 100 ppm	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2) Carbon black (CAS 333-86-4)	ical Hazards Type STEL TWA TWA	Value 540 mg/m3 150 ppm 360 mg/m3 100 ppm 3.5 mg/m3	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2) Carbon black (CAS 333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS	ical Hazards Type STEL TWA TWA	Value 540 mg/m3 150 ppm 360 mg/m3 100 ppm 3.5 mg/m3 245 mg/m3	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2) Carbon black (CAS 333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS	ical Hazards Type STEL TWA TWA TWA	Value           540 mg/m3           150 ppm           360 mg/m3           100 ppm           3.5 mg/m3           245 mg/m3           50 ppm	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2) Carbon black (CAS 333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS	ical Hazards Type STEL TWA TWA TWA	Value           540 mg/m3           150 ppm           360 mg/m3           100 ppm           3.5 mg/m3           245 mg/m3           50 ppm           545 mg/m3	
330-20-7) JS. NIOSH: Pocket Guide to Chem Components -Methoxy-2-propanol (CAS 07-98-2) Carbon black (CAS 333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS	ical Hazards Type STEL TWA TWA TWA STEL	Value           540 mg/m3           150 ppm           360 mg/m3           100 ppm           3.5 mg/m3           245 mg/m3           50 ppm           545 mg/m3           125 ppm	
	ical Hazards Type STEL TWA TWA TWA STEL	Value           540 mg/m3           150 ppm           360 mg/m3           100 ppm           3.5 mg/m3           245 mg/m3           50 ppm           545 mg/m3           125 ppm           435 mg/m3	
JS. NIOSH: Pocket Guide to Chem Components I-Methoxy-2-propanol (CAS I07-98-2) Carbon black (CAS I333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS I00-41-4) Kylene (mix) (CAS	ical Hazards Type STEL TWA TWA TWA STEL STEL TWA	Value           540 mg/m3           150 ppm           360 mg/m3           100 ppm           3.5 mg/m3           245 mg/m3           50 ppm           545 mg/m3           125 ppm           435 mg/m3           100 ppm	
JS. NIOSH: Pocket Guide to Chem Components I-Methoxy-2-propanol (CAS I07-98-2) Carbon black (CAS I333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS I00-41-4) Kylene (mix) (CAS	ical Hazards Type STEL TWA TWA TWA STEL STEL TWA	Value           540 mg/m3           150 ppm           360 mg/m3           100 ppm           3.5 mg/m3           245 mg/m3           50 ppm           545 mg/m3           125 ppm           435 mg/m3           100 ppm	

### **Biological limit values**

# ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time	
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*	
Xylene (mix) (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*	

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

#### **Exposure guidelines**

Exposure guidelines		
US - California OELs: Skin d	esignation	
1-Methoxy-2-propanol (CAS 107-98-2)		Can be absorbed through the skin.
Cumene (CAS 98-82-8)		Can be absorbed through the skin.
US - Minnesota Haz Subs: Sl	kin designation applies	
Cumene (CAS 98-82-8)		Skin designation applies.
US - Tennessee OELs: Skin	designation	
Cumene (CAS 98-82-8)		Can be absorbed through the skin.
US. NIOSH: Pocket Guide to	Chemical Hazards	
Cumene (CAS 98-82-8)		Can be absorbed through the skin.
US. OSHA Table Z-1 Limits for	or Air Contaminants (29 CFR	1910.1000)
Cumene (CAS 98-82-8)		Can be absorbed through the skin.
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.	
Individual protection measures,	such as personal protective e	quipment
Eye/face protection	Chemical respirator with organ	nic vapor cartridge and full facepiece.
Skin protection		
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.	
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.	
Respiratory protection	Chemical respirator with organic vapor cartridge and full facepiece.	
Thermal hazards	Wear appropriate thermal prot	ective clothing, when necessary.
General hygiene considerations		vays observe good personal hygiene measures, such as washing I before eating, drinking, and/or smoking. Routinely wash work nent to remove contaminants.

# 9. Physical and chemical properties

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Appearance	
Physical state	Liquid.
Form	Liquid.
Color	According to product specification.
Odor	Characteristic.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	248 °F (120 °C)
Flash point	75.2 °F (24.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1 % v/v
Flammability limit - upper (%)	7.8 % v/v
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	9.5 hPa at 20°C.
Vapor density	Not available.
Relative density	Not available.

Solubility(ies)	
Solubility (water)	Fully miscible.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

# 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	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

# 11. Toxicological information

### Information on likely routes of exposure

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Inhalation	Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin contact	Harmful in contact with skin. Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Abdominal pain. Behavioral changes. Decrease in motor functions. Narcosis. Dizziness. Nausea, vomiting. Jaundice. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Edema.

### Information on toxicological effects

Acute toxicity	Harmful if inhaled. Harmful in contact with skin. May be fatal if swallowed and enters airways.
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Components	Species Test Results	
1-Methoxy-2-propanol (CAS	\$ 107-98-2)	
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg
Inhalation		
LC50	Mouse	6000 - 7000 ppm, 6 Hours
Oral		
LD50	Rat	3739 mg/kg
Cumene (CAS 98-82-8)		
Acute		
Dermal		
LD50	Rabbit	> 3160 mg/kg, 24 Hours
Inhalation		
LC50	Rat	8000 ppm, 4 Hours
Oral		
LD50	Rat	2910 mg/kg

Components	Species	Test Results		
Ethylbenzene (CAS 100-41-4)				
Acute				
Dermal				
LD50	Rabbit	15400 mg/kg		
Inhalation				
LC50	Rat	17.4 mg/m³, 4 Hours		
Oral				
LD50	Rat	35000 - 47000 mg/kg		
Xylene (mix) (CAS 1330-20-7)				
Acute				
Dermal				
LD50	Rabbit	12126 mg/kg, 24 Hours		
Inhalation				
LC50	Rat	6350 ppm, 4 Hours		
Oral				
LD50	Rat	3523 mg/kg		
* Estimates for product may b	e based on additional compone	ent data not shown.		
Skin corrosion/irritation	Causes skin irritation.			
Serious eye damage/eye irritation	Causes serious eye irritation			
Respiratory or skin sensitizatio	n			
<b>Respiratory sensitization</b>	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		. Inhalation of carbon black or titanium dioxide dust may cause hysical form of the product, inhalation of dust is not likely.		
IARC Monographs. Overall	Evaluation of Carcinogenicity	1		
Carbon black (CAS 1333	-86-4)	2B Possibly carcinogenic to humans.		
Cumene (CAS 98-82-8)		2B Possibly carcinogenic to humans.		
Ethylbenzene (CAS 100- Titanium dioxide (CAS 13		2B Possibly carcinogenic to humans. 2B Possibly carcinogenic to humans.		
Xylene (mix) (CAS 1330-		3 Not classifiable as to carcinogenicity to humans.		
• • • • •	d Substances (29 CFR 1910.	0,		
Not listed.				
Reproductive toxicity	This product is not expected	to cause reproductive or developmental effects.		
Specific target organ toxicity - single exposure	May cause respiratory irritation.			
Specific target organ toxicity - repeated exposure	May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure.			
Aspiration hazard	May be fatal if swallowed and enters airways.			
Chronic effects	May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation be harmful. Prolonged exposure may cause chronic effects.			
12. Ecological informatior	1			
Ecotoxicity	Toxic to aquatic life.			
Components	Species	Test Results		
Cumene (CAS 98-82-8)	opecies	1631 (630113		

Cumene (CAS 98-82-8)				
Aquatic				
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.7 mg/l, 96 hours	

Components		Species	Test Results
Ethylbenzene (CAS 100-41-4)			
Aquatic			
-	EC50	Daphnia	1.81 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	32 - 88 mg/l, 96 hours
	2000	•	
		Fathead minnow (Pimephales promelas)	12.1 mg/i, 96 hours
* Estimates for product may be	e based on add	itional component data not shown.	
Persistence and degradability	No data is av	ailable on the degradability of this product.	
Bioaccumulative potential			
Partition coefficient n-octand Ethylbenzene (CAS 100-41-4) Xylene (mix) (CAS 1330-20-7)		Kow) 3.15 3.2	
Mobility in soil		s miscible with water. May spread in water	systems.
Other adverse effects	None known.		,
13. Disposal consideration			
Disposal instructions	this material t with chemical	eclaim or dispose in sealed containers at lic o drain into sewers/water supplies. Do not or used container. Dispose of contents/co /national/international regulations.	contaminate ponds, waterways or ditches
Local disposal regulations	Dispose in ac	cordance with all applicable regulations.	
Hazardous waste code	The waste co disposal com	de should be assigned in discussion betwe bany.	en the user, the producer and the waste
Waste from residues / unused products		accordance with local regulations. Empty c ues. This material and its container must be uctions).	
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.		
14. Transport information			
DOT			
UN number	UN1210		
UN proper shipping name	Printing ink, fl	ammable	
Transport hazard class(es)			
Class	3		
Subsidiary risk	-		
Label(s)	3 		
Packing group		nstructions, SDS and emergency procedure	es before bandling
Special provisions	B1, IB3, T2, T		es before nanding.
Packaging exceptions	150		
Packaging non bulk	173		
Packaging bulk	242		
ΙΑΤΑ			
UN number	UN1210		
UN proper shipping name Transport hazard class(es)	Printing ink fla	ammable	
Class	3		
Subsidiary risk	-		
Label(s)	3		
Packing group			
Environmental hazards	No		
ERG Code	3L Bood sofety i	actructions SDS and amorganicy procedure	as before bandling
Special precautions for user	Reau salety l	nstructions, SDS and emergency procedure	ะร มะเบเษ แลแนแก่ยู.

### IMDG

UN numberUN1210UN proper shipping namePRINTING INK FLAMMABLE

Transport hazard class(es) Class Subsidiary risk Label(s) Packing group Environmental hazards Marine pollutant EmS Special precautions for user Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	3 - 3 III No F-E, S-D Read safety instructions, SDS Not established.	S and emergency pro	cedures before handling.
15. Regulatory information	I		
US federal regulations	This product is a "Hazardous Standard, 29 CFR 1910.1200		d by the OSHA Hazard Communication
	lotification (40 CFR 707, Sub	pt. D)	
Not regulated. OSHA Specifically Regulated Not listed. CERCLA Hazardous Substar 1-Methoxy-2-propanol (CA Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-4 Xylene (mix) (CAS 1330-2	AS 107-98-2) 1-4)	001-1050) LISTED LISTED LISTED LISTED	
Superfund Amendments and Rea	authorization Act of 1986 (SA	RA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely hazard Not listed.	-		
SARA 311/312 Hazardous chemical	Yes		
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.
Xylene (mix)		1330-20-7	40-80
Ethylbenzene		100-41-4	5-20
Cumene Other federal regulations		98-82-8	< 1
-	112 Hazardous Air Pollutants	s (HAPs) List	
Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-4 Xylene (mix) (CAS 1330-2 Clean Air Act (CAA) Section Not regulated.	1-4) 20-7) 112(r) Accidental Release Pr		8.130)
Safe Drinking Water Act (SDWA)	Not regulated.		
US state regulations			
US. Massachusetts RTK - Su	Ibstance List		
1-Methoxy-2-propanol (CA Carbon black (CAS 1333- Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-4 Titanium dioxide (CAS 13 Xylene (mix) (CAS 1330-2	86-4) 1-4) 463-67-7)		

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

1-Methoxy-2-propanol (CAS 107-98-2) Carbon black (CAS 1333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-41-4) Titanium dioxide (CAS 13463-67-7) Xylene (mix) (CAS 1330-20-7)

#### US. Pennsylvania Worker and Community Right-to-Know Law

1-Methoxy-2-propanol (CAS 107-98-2) Carbon black (CAS 1333-86-4) Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-41-4) Titanium dioxide (CAS 13463-67-7) Xylene (mix) (CAS 1330-20-7)

#### US. Rhode Island RTK

Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-41-4) Xylene (mix) (CAS 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 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Benzene (CAS 71-43-2) Cumene (CAS 98-82-8) Ethylbenzene (CAS 100-41-4) Naphthalene (CAS 91-20-3) Toluene (CAS 108-88-3)

#### **International Inventories**

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

\*A "Yes" indicates this product complies 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	21-May-2015
Revision date	-
Version #	01
HMIS® ratings	Health: 2* Flammability: 3 Physical hazard: 0
NFPA ratings	

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Diagraph MSP cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.