

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	<b>Marsh Spray Stencil Ink</b>
<b>Other means of identification</b>	30394 – Tan Markover 30395 – Black 30396 – Blue 30397 – Green 30398 – Orange 30399 – Red 30400 – White 30401 – Yellow 5XT12 – Tan Markover 5XT13 – Black 5XT14 – White
<b>Recommended use</b>	Spray Ink
<b>Recommended restrictions</b>	None known.
<b>Manufacturer</b>	MSSC, LLC 926 McDonough Lake Road, Unit E Collinsville, IL 62234 US Phone: (618) 343-1006 Fax: (618) 343-1016 Emergency Phone: 1-800-535-5053 (Infotrac) Emergency Phone: 352-323-3500 (Int'l Collect)

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable aerosols	Category 1
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>OSHA defined hazards</b>	Not classified.	

### Label elements



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

### Precautionary statement

**Prevention** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing 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 on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

**Storage** Store in a well-ventilated place. Keep container tightly closed. Store locked up. 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**

64.09% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 64.09% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

### 3. Composition/Information on Ingredients

#### Mixture

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	28 - 38
Propane		74-98-6	15 - 18
Solvent naphtha (petroleum), light aliphatic		64742-89-8	9 - 11
Hydrous magnesium silicate		14807-96-6	2 - 6
Limestone		1317-65-3	2 - 4
2-Pentanone, 4-hydroxy-4-methyl-		123-42-2	0.2 - 5
Titanium oxide		13463-67-7	0 - 4
Solvent naphtha (petroleum), light aromatic		64742-95-6	0.8 - 3
2-Propanol, 1-methoxy-, acetate		108-65-6	1.4 - 1.9
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl) dimethyl, salts with bentonite		68953-58-2	0.8 - 1.2
Carbon black		1333-86-4	0 - .91

### 4. First Aid Measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Do not store at temperatures above 49°C. Do not puncture or incinerate container.

### 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire-fighting equipment/instructions</b>	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.
<b>Specific methods</b>	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 breathe fumes.
<b>General fire hazards</b>	Extremely flammable aerosol.

**Hazardous combustion products** May include and are not limited to: Oxides of carbon.

**Explosion data**

**Sensitivity to mechanical impact** Not available.

**Sensitivity to static discharge** Not available.

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### 6. Accidental Release Measures

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**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. 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. 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). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. 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. Scoop up used absorbent into drums or other appropriate container. Prevent entry into waterways, sewer, basements or confined areas. 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. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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### 7. Handling and Storage

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**Precautions for safe handling** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. 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. Avoid breathing mist or vapor. Use only in well-ventilated areas. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage. Avoid release to the environment. Do not empty into drains.

**Conditions for safe storage, 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. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Keep container tightly closed. 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.

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### 8. Exposure Controls/Personal Protection

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**Occupational exposure limits**

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

Components	Type	Value	Form
2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	PEL	240 mg/m3	
Acetone (CAS 67-64-1)	PEL	50 ppm 2400 mg/m3 1000 ppm	
Carbon black (CAS 1333-86-4)	PEL	3.5 mg/m3	
Limestone (CAS 1317-65-3)	PEL	5 mg/m3 15 mg/m3	Respirable fraction. Total dust.
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm	

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

Components	Type	Value	Form
Titanium oxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

Components	Type	Value	Form
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		20 mppcf 2.4 mppcf	Respirable.

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	TWA	50 ppm	
Acetone (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Titanium oxide (CAS 13463-67-7)	TWA	10 mg/m3	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	TWA	240 mg/m3	
		50 ppm	
Acetone (CAS 67-64-1)	TWA	590 mg/m3	
		250 ppm	
Carbon black (CAS 1333-86-4)	TWA	0.1 mg/m3	
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable.
Limestone (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Propane (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	

**US. AIHA Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
2-Propanol, 1-methoxy-, acetate (CAS 108-65-6)	TWA	50 ppm

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*

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

**Appropriate engineering controls**

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.

**Individual protection measures, such as personal protective equipment**

**Eyeface protection** Safety goggles or glasses.

<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	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.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Aerosol.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Various
<b>Odor</b>	Acetone
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	-44 - 410 °F (-42.22 - 210 °C)
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	0.72
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	-248.8 °F (-156.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	> 1 (BuAc=1)
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	> 1
<b>Flammability limit - upper (%)</b>	< 12.8
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Partial
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

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## 10. Stability and Reactivity

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<b>Reactivity</b>	Aerosol containers are unstable at temperatures above 49°C (120.2°F).
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong acids, alkalies and oxidizing agents.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

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## 11. Toxicological Information

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<b>Routes of exposure</b>	Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Expected to be a low ingestion hazard.

**Inhalation** Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged inhalation may be harmful.

**Skin contact** Causes skin irritation.

**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** Narcotic effects.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 1875 mg/kg 13500 mg/kg 14.5 ml/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	3002 mg/kg
2-Propanol, 1-methoxy-, acetate (CAS 108-65-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	8532 mg/kg
Acetone (CAS 67-64-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	15800 mg/kg 20 ml/kg
<i>Inhalation</i>		
LC50	Mouse	44000 mg/m <sup>3</sup> /4H
	Rat	76 mg/l, 4 Hours 50.1 mg/l, 8 Hours 39 mg/l/4h
<i>Oral</i>		
LD50	Human	2857 mg/kg
	Mouse	3000 mg/kg
	Rabbit	5340 mg/kg
	Rat	5800 mg/kg
Carbon black (CAS 1333-86-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 8000 mg/kg

Components	Species	Test Results
Hydrous magnesium silicate (CAS 14807-96-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Limestone (CAS 1317-65-3)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	6450 mg/kg
Propane (CAS 74-98-6)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	> 1442.8 mg/l, 15 Minutes
<i>Oral</i>		
LD50	Not available	
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl) dimethyl, salts with bentonite (CAS 68953-58-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50		
<i>Inhalation</i>		
LC50		
	Rat	12.6 mg/l/4h
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	3000 mg/kg
<i>Inhalation</i>		
LC50	Rat	5.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	4700 mg/kg
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	3000 mg/kg
<i>Inhalation</i>		
LC50	Rat	1400 mg/l/4h
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Titanium oxide (CAS 13463-67-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	

Components	Species	Test Results
Oral LD50	Rat	24000 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not classified.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	Non-hazardous by WHMIS/OSHA criteria. Contains carbon black in a non respirable form. Contains titanium dioxide in a non respirable form.	
<b>ACGIH Carcinogens</b>		
Acetone (CAS 67-64-1)	A4 Not classifiable as a human carcinogen.	
Carbon black (CAS 1333-86-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.	
Hydrous magnesium silicate (CAS 14807-96-6)	A4 Not classifiable as a human carcinogen.	
Titanium oxide (CAS 13463-67-7)	A4 Not classifiable as a human carcinogen.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Carbon black (CAS 1333-86-4)	Volume 65, Volume 93 - 2B Possibly carcinogenic to humans.	
Hydrous magnesium silicate (CAS 14807-96-6)	Volume 42, Supplement 7, Volume 93 - 3 Not classifiable as to carcinogenicity to humans.	
Titanium oxide (CAS 13463-67-7)	Volume 93 - 2B Possibly carcinogenic to humans. Volume 47, Volume 93 - 2B Possibly carcinogenic to humans.	
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Teratogenicity</b>	Not classified.	
<b>Specific target organ toxicity - single exposure</b>	Narcotic effects.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not classified.	
<b>Chronic effects</b>	Prolonged inhalation may be harmful.	
<b>Further information</b>	Not available.	
<b>Name of Toxicologically Synergistic Products</b>	Not available.	

## 12. Ecological Information

**Ecotoxicity** Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected. See below

Components	Species	Test Results
2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)		
<b>Aquatic</b>		
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )
		420 mg/l, 96 hours
2-Propanol, 1-methoxy-, acetate (CAS 108-65-6)		
Crustacea	EC50	Daphnia
		500 mg/L, 48 Hours



Components	Species		Test Results
Acetone (CAS 67-64-1)			
Crustacea	EC50	Daphnia	13999 mg/L, 48 Hours
<b>Aquatic</b>			
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
Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6)			
Crustacea	EC50	Daphnia	6.14 mg/L, 48 Hours
Solvent naptha (petroleum), light aliphatic (CAS 64742-89-8)			
Algae	IC50	Algae	4700 mg/L, 72 Hours
Titanium oxide (CAS 13463-67-7)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>	No data available.		
<b>Mobility in soil</b>	No data available.		
<b>Mobility in general</b>	Not available.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

### 13. Disposal Considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. 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.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>US RCRA Hazardous Waste U List: Reference</b>	
Acetone (CAS 67-64-1)	U002
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

### 14. Transport Information

#### U.S. Department of Transportation (DOT)

##### Basic shipping requirements:

<b>UN number</b>	UN1950
<b>Proper shipping name</b>	Aerosols, flammable
<b>Hazard class</b>	Limited Quantity - US

#### Transportation of Dangerous Goods (TDG - Canada)

##### Basic shipping requirements:

<b>UN number</b>	UN1950
<b>Proper shipping name</b>	AEROSOLS, flammable
<b>Hazard class</b>	Limited Quantity - Canada

#### IATA/ICAO (Air)

##### Basic shipping requirements:

<b>UN number</b>	UN1950
<b>Proper shipping name</b>	Aerosols, flammable
<b>Hazard class</b>	Limited Quantity - IATA

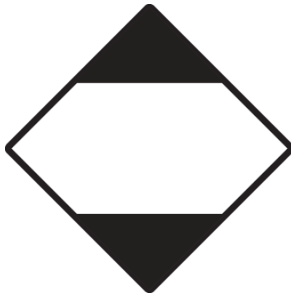
#### IMDG (Marine Transport)

##### Basic shipping requirements:

<b>UN number</b>	UN1950
<b>Proper shipping name</b>	AEROSOLS, flammable

Hazard class  
DOT; IMDG; TDG

Limited Quantity - US



IATA



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## 15. Regulatory Information

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### Canadian federal regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

#### Canada DSL Challenge Substances: Listed substance

Carbon black (CAS 1333-86-4) Listed.

#### Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number

2-Propanol, 1-methoxy-, acetate (CAS 108-65-6)	1 TONNES
Propane (CAS 74-98-6)	1 TONNES
Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6)	1 TONNES
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)	1 TONNES

#### Canada WHMIS Ingredient Disclosure: Threshold limits

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	1 %
Acetone (CAS 67-64-1)	1 %
Carbon black (CAS 1333-86-4)	1 %

### WHMIS status

Controlled

### WHMIS classification

Class A - Compressed Gas, Class B - Division 5 - Flammable Aerosol, Class D - Division 2B

### WHMIS labeling



### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)	Listed.
Propane (CAS 74-98-6)	Listed.

#### US CAA Section 111 Volatile Organic Compounds: Listed substance

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	Listed.
Acetone (CAS 67-64-1)	Listed.

#### US CAA Section 112(r) Accidental Release Prevention - Regulated Flammable Substance: Listed substance

Propane (CAS 74-98-6)	Regulated flammable substance.
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#### US CAA Section 112(r) Accidental Release Prevention: Threshold quantity

Propane (CAS 74-98-6)	10000 LBS
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**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Propane (CAS 74-98-6) Listed.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**US CAA Section 612 SNAP Program: Listed substance**

Acetone (CAS 67-64-1) Listed.

Propane (CAS 74-98-6) Listed.

**US CAA VOCs with Negligible Photochemical Activity: Listed substance**

Acetone (CAS 67-64-1) Listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
 Delayed Hazard - No  
 Fire Hazard - Yes  
 Pressure Hazard - Yes  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**  
 Not regulated.

**Other federal regulations**

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US - California Hazardous Substances (Director's): Listed substance**

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2) Listed.

Acetone (CAS 67-64-1) Listed.

Carbon black (CAS 1333-86-4) Listed.

Hydrous magnesium silicate (CAS 14807-96-6) Listed.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

**US - Illinois Chemical Safety Act: Listed substance**

Acetone (CAS 67-64-1) Listed.

Propane (CAS 74-98-6) Listed.

**US - Louisiana Spill Reporting: Listed substance**

Acetone (CAS 67-64-1) Listed.

Propane (CAS 74-98-6) Listed.

**US - Minnesota Haz Subs: Listed substance**

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2) Listed.

Acetone (CAS 67-64-1) Listed.

Carbon black (CAS 1333-86-4) Listed.

Hydrous magnesium silicate (CAS 14807-96-6) Listed.

Limestone (CAS 1317-65-3) Listed.

Propane (CAS 74-98-6) Listed.

Titanium oxide (CAS 13463-67-7) Listed.

**US - New Jersey RTK - Substances: Listed substance**

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2) Listed.

Acetone (CAS 67-64-1) Listed.

Carbon black (CAS 1333-86-4) Listed.

Hydrous magnesium silicate (CAS 14807-96-6) Listed.

Limestone (CAS 1317-65-3) Listed.

Propane (CAS 74-98-6) Listed.

Titanium oxide (CAS 13463-67-7) Listed.

**US - New York Release Reporting: Hazardous Substances: Listed substance**

Acetone (CAS 67-64-1) Listed.

**US - Texas Effects Screening Levels: Listed substance**

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2) Listed.

2-Propanol, 1-methoxy-, acetate (CAS 108-65-6) Listed.

Acetone (CAS 67-64-1) Listed.

Carbon black (CAS 1333-86-4) Listed.

Hydrous magnesium silicate (CAS 14807-96-6)	Listed.
Limestone (CAS 1317-65-3)	Listed.
Propane (CAS 74-98-6)	Listed.
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl) dimethyl, salts with bentonite (CAS 68953-58-2)	Listed.
Solvent naphtha (petroleum), light aromatic (CAS 64742-95-6)	Listed.
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)	Listed.
Titanium oxide (CAS 13463-67-7)	Listed.

**US. Massachusetts RTK - Substance List**

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	Listed.
Acetone (CAS 67-64-1)	Listed.
Carbon black (CAS 1333-86-4)	Listed.
Hydrous magnesium silicate (CAS 14807-96-6)	Listed.
Limestone (CAS 1317-65-3)	Listed.
Propane (CAS 74-98-6)	Listed.
Titanium oxide (CAS 13463-67-7)	Listed.

**US. Pennsylvania RTK - Hazardous Substances**

2-Pentanone, 4-hydroxy-4-methyl- (CAS 123-42-2)	Listed.
Acetone (CAS 67-64-1)	Listed.
Carbon black (CAS 1333-86-4)	Listed.
Hydrous magnesium silicate (CAS 14807-96-6)	Listed.
Limestone (CAS 1317-65-3)	Listed.
Propane (CAS 74-98-6)	Listed.
Titanium oxide (CAS 13463-67-7)	Listed.

**US. Rhode Island RTK**

Acetone (CAS 67-64-1)	Listed.
Propane (CAS 74-98-6)	Listed.

**Inventory status**

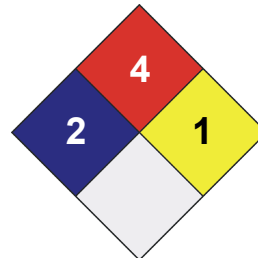
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	/ 2
<b>FLAMMABILITY</b>	4
<b>PHYSICAL HAZARD</b>	1
<b>PERSONAL PROTECTION</b>	X



**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. 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.

<b>Issue date</b>	07-November-2014
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<b>Expiry date</b>	01-October-2017

**Further information** For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

**Prepared by** Dell Tech Laboratories Ltd. Phone: (519) 858-5021

**Other information** This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).  
This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.