

SAFETY DATA SHEET

1. Identification

Product identifier	Colour Intensifier
Other means of identification	Not available.
Recommended use	Protective impregnation
Recommended restrictions	None known.
Manufacturer information	Banas Stones Inc 8144 King Street Bolton, ON L7E 0T8 CA Phone 905-857-9684
Supplier	See above.

2. Hazard identification

Physical hazards	Flammable liquids	Category 3
Health hazards	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
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	
Label elements		



Signal word	Danger
Hazard statement	Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Precautionary statement

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area. Avoid breathing vapors. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

Response

In case of fire: Use carbon dioxide, dry chemical, water spray, or foam to extinguish.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it 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 attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

Storage

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

Disposal

Dispose of container in accordance with local, regional, national and international regulations.

WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known
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WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/Information on ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Isododecane		13475-82-6	30 - 60 *
Naphtha (petroleum), heavy alkylate		64741-65-7	30 - 60 *
Siloxanes And Silicones, Di-me, Hydroxyterminated Reaction Products With 1,2-ethanediamine, N-[3-(trimethoxysilyl)propyl] And Trimethoxymethylsilane		69430-37-1	10 - 30 *

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments	<p>*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.</p> <p>US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.</p>
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4. First-aid measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
Skin contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Treat patient symptomatically.
General information	If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed. Vapors may travel considerable distance to a source of ignition and flash back.
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	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.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Avoid breathing mist/vapor. 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. Take precautionary measures against static discharge. Use only non-sparking tools. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.

7. Handling and storage

Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Wash thoroughly after handling. When handling, do not eat, drink or smoke.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children. Store locked up.

8. Exposure controls/Personal protection

Occupational exposure limits

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	1590 mg/m3 400 ppm

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	525 mg/m3

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	1590 mg/m3 400 ppm

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	15 minute	500 ppm
	8 hour	400 ppm

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

Components	Type	Value
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	PEL	400 mg/m3 100 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	400 mg/m3 100 ppm
Biological limit values	No biological exposure limits noted for the ingredient(s).	
Appropriate engineering controls	Ensure adequate ventilation.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields.	
Skin protection		
Hand protection	Neoprene, butyl rubber, nitrile or Viton gloves are recommended. Confirm with a reputable supplier first.	
Other	As required by employer code.	
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary. Not applicable.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.	

9. Physical and chemical properties

Appearance	Liquid
Physical state	Liquid.
Form	Liquid.
Color	Colourless
Odor	Characteristic
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	356 °F (180 °C)
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	> 104.0 °F (> 40.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	0.6 %
Explosive limit - upper (%)	7 %
Vapor pressure	1 hPa @ 20°C
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	11 s (DIN 53211/4) @ 20°C
Other information	
Density	0.78 g/cm³ @ 20°C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	May react with incompatible materials.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not mix with other chemicals.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological information

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Information on likely routes of exposure	
Ingestion	May cause stomach distress, nausea or vomiting.
Inhalation	May cause drowsiness and dizziness.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

Components	Species	Test Results
Isododecane (CAS 13475-82-6)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours, ECHA >= 3160 mg/kg, 24 Hours, ECHA
	Rat	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Monkey	>= 11160 mg/m3, ECHA
	Rat	> 9300 mg/m3, 4 Hours, ECHA > 5991 mg/m3, 4 Hours, ECHA > 5600 mg/m3, 4 Hours, ECHA > 5266 mg/m3, 4 Hours, ECHA > 5000 mg/m3, 8 Hours, ECHA > 4951 mg/m3, 4 Hours, ECHA > 1369 ppm, 8 Hours, ECHA > 442 ppm, 8 Hours, ECHA > 142 ppm, 8 Hours, ECHA > 41 ppm, 8 Hours, ECHA >= 6100 mg/m3, 4 Hours, ECHA 4467 ppm, 8 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 15800 mg/kg, ECHA > 15000 mg/kg, ECHA > 5000 mg/kg, ECHA
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 6000 mg/kg, 24 Hours, ECHA

Components	Species	Test Results
<i>Inhalation</i> LC50	Rat	> 3750 mg/kg, 24 Hours, ECHA
		> 3000 mg/kg, 24 Hours, ECHA
		> 2000 mg/kg, ECHA
		> 2000 mg/kg, 24 Hours, ECHA
		> 1900 mg/kg, 24 Hours, ECHA
		> 8530 mg/m3, 4 Hours, ECHA
		> 7970 mg/m3, 4 Hours, ECHA
		> 7630 mg/m3, 4 Hours, ECHA
		> 7300 mg/m3, 4 Hours, ECHA
		> 5830 mg/m3, 4 Hours, ECHA
		> 5740 mg/m3, 4 Hours, ECHA
		> 5610 mg/m3, 4 Hours, ECHA
		> 5470 mg/m3, 4 Hours, ECHA
		> 5300 mg/m3, 4 Hours, ECHA
		> 5280 mg/m3, 4 Hours, ECHA
		> 5260 mg/m3, 4 Hours, ECHA
		> 5250 mg/m3, 4 Hours, ECHA
		> 5240 mg/m3, 4 Hours, ECHA
		> 5220 mg/m3, 4 Hours, ECHA
		> 5200 mg/m3, 4 Hours, ECHA
		> 5170 mg/m3, 4 Hours, ECHA
		> 5160 mg/m3, 4 Hours, ECHA
		> 5100 mg/m3, 4 Hours, ECHA
		> 5080 mg/m3, 4 Hours, ECHA
		> 5050 mg/m3, 4 Hours, ECHA
		> 5040 mg/m3, 4 Hours, ECHA
		> 5020 mg/m3, 4 Hours, ECHA
		> 5000 mg/m3, 4 Hours, ECHA
		> 4980 mg/m3, 4 Hours, ECHA
		> 4970 mg/m3, 4 Hours, ECHA
		> 4420 mg/m3, 4 Hours, ECHA
		> 5.4 mg/L, 4 Hours, ECHA
		> 5.1 mg/L, 4 Hours, ECHA
		> 5.1 mg/L, 4 Hours, ECHA
		> 5 mg/L, 4 Hours, ECHA
		> 5 mg/L, 4 Hours, ECHA
		73680 mg/L, 4 Hours, HSDB
		>= 5060 mg/m3, 4 Hours, ECHA
		61 mg/L, 4 Hours, HSDB
<i>Oral</i> LD50	Rat	> 7000 mg/kg, ECHA
		> 6000 mg/kg, ECHA
		> 5570 mg/kg, ECHA
		> 5200 mg/kg, ECHA
		> 5000 mg/kg, ECHA
		> 4800 mg/kg, ECHA
		> 4500 mg/kg, ECHA
		> 25 ml/kg, HSDB

Components	Species	Test Results
		14063 mg/kg, ECHA
		6620 mg/kg, ECHA
		5800 mg/kg, ECHA
		5390 mg/kg, ECHA
		4820 mg/kg, ECHA
Siloxanes And Silicones, Di-me, Hydroxyterminated Reaction Products With 1,2-ethanediamine, N-[3-(trimethoxysilyl)propyl] And Trimethoxymethylsilane (CAS 69430-37-1)		
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Not available	
Oral		
LD50	Not available	
Skin corrosion/irritation	Causes skin irritation.	
Exposure minutes	Not available.	
Erythema value	Not available.	
Oedema value	Not available.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Corneal opacity value	Not available.	
Iris lesion value	Not available.	
Conjunctival reddening value	Not available.	
Conjunctival oedema value	Not available.	
Recover days	Not available.	
Respiratory or skin sensitization		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Mutagenicity	Contains < 3% (w/w) DMSO-extract	
Carcinogenicity	Contains < 3% (w/w) DMSO-extract	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)		
Not listed.		
Reproductive toxicity	Not classified.	
Teratogenicity	Not available.	
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	May be fatal if swallowed and enters airways.	
Chronic effects	Prolonged inhalation may be harmful.	

12. Ecological information

Ecotoxicity	See below		
Ecotoxicological data			
Components	Species		Test Results
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)			
Algae	IC50	Algae	30000 mg/L, 72 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	2.7 - 5.1 mg/L, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.8 mg/L, 96 hours
			8.8 mg/L, 96 hours
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.		

Bioaccumulative potential**Mobility in soil** No data available.**Mobility in general** Not 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.

13. Disposal considerations

Disposal instructions 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** 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.

14. Transport information

Transport of Dangerous Goods (TDG) Proof of Classification Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.**U.S. Department of Transportation (DOT)****Basic shipping requirements:**

UN number UN3295
Proper shipping name Hydrocarbons, liquid, n.o.s.
Technical name Naphtha (petroleum), heavy alkylate
Hazard class 3
Packing group III
Marine pollutant Yes
Special provisions 144, B1, IB3, T4, TP1, TP29

Transportation of Dangerous Goods (TDG - Canada)**Basic shipping requirements:**

UN number UN3295
Proper shipping name HYDROCARBONS, LIQUID, N.O.S.
Technical name Naphtha (petroleum), heavy alkylate
Hazard class 3
Packing group III
Special provisions 150

DOT**TDG**

15. Regulatory information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

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

Methanol (CAS 67-56-1) 1 TONNES

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7) 1 TONNES

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS 2015 Exemptions Not applicable**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)

Methanol (CAS 67-56-1) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**SARA 302 Extremely hazardous substance** No**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)
Skin corrosion or irritation
Serious eye damage or eye irritation
Reproductive toxicity
Specific target organ toxicity (single or repeated exposure)
Aspiration hazard**SARA 313 (TRI reporting)**

Not regulated.

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

Methanol (CAS 67-56-1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

US state regulations See below**US - California Hazardous Substances (Director's): Listed substance**

Methanol (CAS 67-56-1) Listed.

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7) Listed.

US - Illinois Chemical Safety Act: Listed substance

Methanol (CAS 67-56-1)

US - Louisiana Spill Reporting: Listed substance

Methanol (CAS 67-56-1) Listed.

US - Minnesota Haz Subs: Listed substance

Isododecane (CAS 13475-82-6) Listed.

Methanol (CAS 67-56-1) Listed.

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7) Listed.

US - Texas Effects Screening Levels: Listed substance

Isododecane (CAS 13475-82-6) Listed.

Methanol (CAS 67-56-1) Listed.

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7) Listed.

US. Massachusetts RTK - Substance List

Methanol (CAS 67-56-1)

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)

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

Isododecane (CAS 13475-82-6)

Methanol (CAS 67-56-1)

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)

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

Methanol (CAS 67-56-1)

US. Rhode Island RTK

Methanol (CAS 67-56-1)

Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)

US. California Proposition 65

WARNING: This product can expose you to chemicals including Methanol, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Developmental toxin

Methanol (CAS 67-56-1)

Listed: March 16, 2012

Inventory status

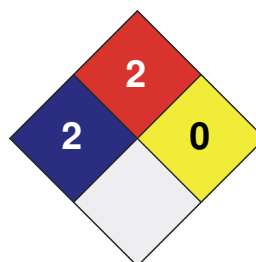
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all 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

HEALTH	* 2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Version #

01

Effective date

28-February-2020

Prepared byDell Tech www.delltech.com Phone: 519-858-5021**Further information**

Not available.

Other information

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