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2.6

1. IDENTIFICATION

Product identifier

Product code GVL103
Product name Red
Product category GV Series SV Vinyl Screen Ink

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Industrial Printing Operations

Details of the supplier of the safety data sheet

UNITED STATES	UNITED KINGDOM
Nazdar Company	Nazdar Limited
8501 Hedge Lane Terrace	Barton Road
Shawnee, KS 66227	Heaton Mersey
Tel: +001-913-422-1888	Stockport, England SK4 3EG
Tel: +001-800-677-4657	Tel: +44 161 442 2111
Fax: +001-913-422-2294	
www.nazdar.com	

Emergency telephone number

USA: Chemtrec: +001-800-424-9300
Outside USA: Chemtrec: +001-703-527-3887
24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Classification

Serious eye damage/eye irritation	Category 2 - (H319)
Carcinogenicity	Category 2 - (H351)
Specific target organ toxicity (single exposure)	Category 3 - (H335)
Aspiration hazard	Category 1 - (H304)
Chronic aquatic toxicity	Category 3 - (H412)

Label elements



Signal word
Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H351 - Suspected of causing cancer

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements

P201 - Obtain special instructions before use

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

Hazards not otherwise classified (HNOC)

Harmful to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS No	Weight-%	Trade secret	Note
Isophorone	78-59-1	30 - 60	*	
Solvent naphtha, petroleum, heavy aromatic	64742-94-5	10 - 30	*	
Ethyl 3-ethoxypropionate	763-69-9	5 - 10	*	
Solvent naphtha, petroleum, light aromatic	64742-95-6	1 - 5	*	
Titanium Dioxide	13463-67-7	1 - 5	*	
1,2,4-Trimethylbenzene (constituent)	95-63-6	0.1 - < 1	*	1
Naphthalene (constituent)	91-20-3	0.1 - < 1	*	1
1,3,5-Trimethylbenzene (constituent)	108-67-8	0.1 - < 1	*	1
Cumene (constituent)	98-82-8	0.1 - < 1	*	1

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Note

1. Hazardous Constituent contained in Complex Substance(s) required for disclosure

4. FIRST-AID MEASURES

Description of first aid measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin Contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.

Inhalation

If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately. Remove person to fresh air and keep comfortable for breathing.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed

None under normal use conditions.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Sealed containers may rupture when heated. Cool containers / tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Evacuate personnel to safe areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid contact with eyes, skin and clothing. Ventilate the area. Avoid breathing dust or vapor.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Keep out of drains, sewers, ditches and waterways.

Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.

7. HANDLING AND STORAGE**Precautions for safe handling****Handling**

Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities**Storage**

Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use.

Incompatible Products

Strong oxidizing agents. Strong acids. Strong bases. Reducing agent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure limits**

Chemical name	ACGIH TLV
Isophorone 78-59-1	Ceiling: 5 ppm
Titanium Dioxide 13463-67-7	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter
1,2,4-Trimethylbenzene (constituent) 95-63-6	TWA: 10 ppm
Naphthalene (constituent) 91-20-3	TWA: 10 ppm Skin
1,3,5-Trimethylbenzene (constituent) 108-67-8	TWA: 10 ppm
Cumene (constituent) 98-82-8	TWA: 5 ppm

Chemical name	OSHA PEL
Isophorone 78-59-1	TWA: 25 ppm TWA: 140 mg/m ³
Titanium Dioxide 13463-67-7	TWA: 15 mg/m ³ total dust
Naphthalene (constituent) 91-20-3	TWA: 10 ppm TWA: 50 mg/m ³
Cumene (constituent) 98-82-8	TWA: 50 ppm TWA: 245 mg/m ³ Skin

Chemical name	OSHA PEL (vacated)
Isophorone 78-59-1	TWA: 4 ppm TWA: 23 mg/m ³
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³ total dust
Naphthalene (constituent) 91-20-3	TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³
Cumene (constituent) 98-82-8	TWA: 50 ppm TWA: 245 mg/m ³ Skin

Chemical name	Ontario TWA EV
Isophorone 78-59-1	Ceiling: 5 ppm
Ethyl 3-ethoxypropionate 763-69-9	TWA: 50 ppm TWA: 300 mg/m ³
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³
Naphthalene (constituent) 91-20-3	TWA: 10 ppm Skin
Cumene (constituent) 98-82-8	TWA: 50 ppm

Chemical name	Mexico OEL (TWA)
Isophorone 78-59-1	Ceiling: 5 ppm
Titanium Dioxide 13463-67-7	TWA/VLE-PPT: 10 mg/m ³
Naphthalene (constituent) 91-20-3	TWA/VLE-PPT: 10 ppm STEL/PPT-CT: 15 ppm
Cumene (constituent) 98-82-8	TWA/VLE-PPT: 50 ppm

Appropriate engineering controls

Engineering Measures

In case of insufficient ventilation, wear suitable respiratory equipment. Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles). Ensure that eyewash stations and safety showers are close to the workstation location. If splashes are likely to occur, wear suitable face shield.

Skin Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Hand Protection

Chemical resistant protective gloves.
Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding >480 minutes of permeation time): eg. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers. Taking into account the varying conditions, the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Due to different glove types, the manufacturer's directions for use should be observed. Replace gloves immediately when torn or any change in appearance is noticed such as dimension, color, flexibility.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Appearance	Colored
Odor	Characteristic	Odor Threshold	No information available

Property	Values	Remarks • Method
pH		No data available
Melting Point / Freezing Point	No information available	No data available
Boiling Point / Boiling Range	> 149 °C / 300 °F	
Flash Point	66 °C / 150 °F	Setaflash closed cup
Evaporation rate		No data available
Flammability Limit in Air		
Upper flammability limit		No data available
Lower flammability limit		No data available
Vapor Pressure		No data available
Vapor Density		No data available
Specific Gravity	1.05	
Water Solubility		No data available
Solubility in other solvents		No data available
Partition coefficient: n-octanol/water		No data available
Autoignition Temperature	No information available	No data available
Hyphen		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available

Explosive Properties	No data available
Oxidizing Properties	No data available

Other information

Photochemically Reactive	Yes
Weight Per Gallon (lbs/gal)	8.72

VOC by weight % (less water)	VOC by volume % (less water)	VOC lbs/gal (less water)	VOC grams/liter (less water)
64.04	66.41	5.59	670.17

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases. Reducing agent.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Inhalation**

Specific test data for the substance or mixture is not available.

Eye Contact

Specific test data for the substance or mixture is not available.

Skin Contact

Specific test data for the substance or mixture is not available.

Ingestion

Specific test data for the substance or mixture is not available.

Chemical name	Oral LD50
Isophorone 78-59-1	= 1870 mg/kg (Rat)
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	> 5000 mg/kg (Rat)
Ethyl 3-ethoxypropionate 763-69-9	= 5 g/kg (Rat)
Solvent naphtha, petroleum, light aromatic 64742-95-6	= 8400 mg/kg (Rat)
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)
1,2,4-Trimethylbenzene (constituent) 95-63-6	= 3280 mg/kg (Rat)
Naphthalene (constituent) 91-20-3	= 1110 mg/kg (Rat)
Cumene (constituent) 98-82-8	= 1400 mg/kg (Rat)

Chemical name	Dermal LD50
Isophorone 78-59-1	= 1700 mg/kg (Rat)
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	> 2000 mg/kg (Rabbit)
Ethyl 3-ethoxypropionate 763-69-9	> 9500 mg/kg (Rabbit)
Solvent naphtha, petroleum, light aromatic 64742-95-6	> 2000 mg/kg (Rabbit)
1,2,4-Trimethylbenzene (constituent) 95-63-6	> 3160 mg/kg (Rabbit)
Naphthalene (constituent) 91-20-3	= 1120 mg/kg (Rabbit)
Cumene (constituent) 98-82-8	= 12300 µL/kg (Rabbit)

Chemical name	Inhalation LC50
Isophorone 78-59-1	= 7 mg/L (Rat) 4 h
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	> 590 mg/m ³ (Rat) 4 h
Ethyl 3-ethoxypropionate 763-69-9	> 5.96 mg/L (Rat) 6 h

Solvent naphtha, petroleum, light aromatic 64742-95-6	= 3400 ppm (Rat) 4 h
Titanium Dioxide 13463-67-7	= 5.09 mg/L (Rat) 4 h
1,2,4-Trimethylbenzene (constituent) 95-63-6	= 18 g/m ³ (Rat) 4 h
Naphthalene (constituent) 91-20-3	> 0.4 mg/L (Rat) 4 h
1,3,5-Trimethylbenzene (constituent) 108-67-8	= 24 g/m ³ (Rat) 4 h
Cumene (constituent) 98-82-8	> 3577 ppm (Rat) 6 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Specific test data for the substance or mixture is not available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

Specific test data for the substance or mixture is not available.

Eye damage/irritation

Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components).

Irritation

Specific test data for the substance or mixture is not available.

Corrosivity

Specific test data for the substance or mixture is not available.

Sensitization

Specific test data for the substance or mixture is not available.

Mutagenic Effects

Specific test data for the substance or mixture is not available.

Carcinogenic effects

Specific test data for the substance or mixture is not available. Suspected of causing cancer. (based on components).

Reproductive Effects

Specific test data for the substance or mixture is not available.

STOT - single exposure

Specific test data for the substance or mixture is not available. May cause respiratory irritation. (based on components).

STOT - repeated exposure

Specific test data for the substance or mixture is not available.

Chronic Toxicity

Specific test data for the substance or mixture is not available

Aspiration hazard

Specific test data for the substance or mixture is not available. May be fatal if swallowed and enters airways. (based on components).

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH
Isophorone 78-59-1	A3
Titanium Dioxide 13463-67-7	A3
Naphthalene (constituent) 91-20-3	A3
Cumene (constituent) 98-82-8	A3

Chemical name	IARC
Titanium Dioxide 13463-67-7	Group 2B
Naphthalene (constituent) 91-20-3	Group 2B
Cumene (constituent) 98-82-8	Group 2B

Chemical name	NTP
Naphthalene (constituent) 91-20-3	Reasonably Anticipated
Cumene (constituent) 98-82-8	Reasonably Anticipated

Chemical name	OSHA
Isophorone 78-59-1	X
Titanium Dioxide 13463-67-7	X

Naphthalene (constituent) 91-20-3	X
Cumene (constituent) 98-82-8	X

Numerical measures of toxicity - Product Information

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4,412.70 mg/kg
ATEmix (dermal) 4,011.50 mg/kg mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Specific test data for the substance or mixture is not available. Harmful to aquatic life with long lasting effects. (based on components).

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants
Isophorone 78-59-1	72h EC50 <i>Desmodesmus subspicatus</i> : = 475.4 mg/L 96h EC50 <i>Pseudokirchneriella subcapitata</i> : 51.1 - 342 mg/L
Cumene (constituent) 98-82-8	72h EC50 <i>Pseudokirchneriella subcapitata</i> : = 2.6 mg/L

Chemical name	Fish
Isophorone 78-59-1	96h LC50 <i>Pimephales promelas</i> : 132 - 159 mg/L (flow-through) 96h LC50 <i>Lepomis macrochirus</i> : 180 - 250 mg/L (static) 96h LC50 <i>Pimephales promelas</i> : 213 - 271 mg/L (static)
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	96h LC50 <i>Pimephales promelas</i> : = 19 mg/L (static) 96h LC50 <i>Oncorhynchus mykiss</i> : = 2.34 mg/L 96h LC50 <i>Lepomis macrochirus</i> : = 1740 mg/L (static) 96h LC50 <i>Pimephales promelas</i> : = 45 mg/L (flow-through) 96h LC50 <i>Pimephales promelas</i> : = 41 mg/L
Ethyl 3-ethoxypropionate 763-69-9	96h LC50 <i>Pimephales promelas</i> : = 62 mg/L (static)
Solvent naphtha, petroleum, light aromatic 64742-95-6	96h LC50 <i>Oncorhynchus mykiss</i> : = 9.22 mg/L
1,2,4-Trimethylbenzene (constituent) 95-63-6	96h LC50 <i>Pimephales promelas</i> : 7.19 - 8.28 mg/L (flow-through)
Naphthalene (constituent) 91-20-3	96h LC50 <i>Oncorhynchus mykiss</i> : = 1.6 mg/L (flow-through) 96h LC50 <i>Oncorhynchus mykiss</i> : 0.91 - 2.82 mg/L (static) 96h LC50 <i>Pimephales promelas</i> : = 1.99 mg/L (static) 96h LC50 <i>Lepomis macrochirus</i> : = 31.0265 mg/L (static) 96h LC50 <i>Pimephales promelas</i> : 5.74 - 6.44 mg/L (flow-through)
1,3,5-Trimethylbenzene (constituent) 108-67-8	96h LC50 <i>Pimephales promelas</i> : = 3.48 mg/L
Cumene (constituent) 98-82-8	96h LC50 <i>Pimephales promelas</i> : 6.04 - 6.61 mg/L (flow-through) 96h LC50 <i>Oncorhynchus mykiss</i> : = 4.8 mg/L (flow-through) 96h LC50 <i>Oncorhynchus mykiss</i> : = 2.7 mg/L (semi-static) 96h LC50 <i>Poecilia reticulata</i> : = 5.1 mg/L (semi-static)

Chemical name	Crustacea
Isophorone 78-59-1	48h EC50 <i>Daphnia magna</i> : = 117 mg/L
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	48h EC50 <i>Daphnia magna</i> : = 0.95 mg/L
Ethyl 3-ethoxypropionate 763-69-9	48h EC50 <i>Daphnia magna</i> : = 970 mg/L
Solvent naphtha, petroleum, light aromatic 64742-95-6	48h EC50 <i>Daphnia magna</i> : = 6.14 mg/L
1,2,4-Trimethylbenzene (constituent)	48h EC50 <i>Daphnia magna</i> : = 6.14 mg/L

95-63-6	
Naphthalene (constituent) 91-20-3	48h EC50 Daphnia magna: 1.09 - 3.4 mg/L Static 48h EC50 Daphnia magna: = 1.96 mg/L Flow through 48h LC50 Daphnia magna: = 2.16 mg/L
Cumene (constituent) 98-82-8	48h EC50 Daphnia magna: 7.9 - 14.1 mg/L Static 48h EC50 Daphnia magna: = 0.6 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

Chemical name	Partition coefficient
Isophorone 78-59-1	1.66
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	2.9 - 6.1
Ethyl 3-ethoxypropionate 763-69-9	1.35
1,2,4-Trimethylbenzene (constituent) 95-63-6	3.63
Naphthalene (constituent) 91-20-3	3.6
Cumene (constituent) 98-82-8	3.7

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Waste Disposal Methods**

Contain and dispose of waste according to local regulations.

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Note:

This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

DOT

Not regulated

ICAO / IATA / IMDG / IMO

Not Regulated

15. REGULATORY INFORMATION

International Inventories

For further information, please contact: All components are listed on the TSCA Inventory. Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical

or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Naphthalene (constituent)	91-20-3	0.1 - < 1	0.1
Cumene (constituent)	98-82-8	0.1 - < 1	0.1

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act..

Chemical name	CAS No	Weight-%
Isophorone	78-59-1	30 - 60
Naphthalene (constituent)	91-20-3	0.1 - < 1
Cumene (constituent)	98-82-8	0.1 - < 1

US State Regulations

Chemical name	Massachusetts
Isophorone 78-59-1	X
Titanium Dioxide 13463-67-7	X
1,2,4-Trimethylbenzene (constituent) 95-63-6	X
Naphthalene (constituent) 91-20-3	X
1,3,5-Trimethylbenzene (constituent) 108-67-8	X
Cumene (constituent) 98-82-8	X

Chemical name	Minnesota Right To Know
Isophorone 78-59-1	X
Titanium Dioxide 13463-67-7	X
1,2,4-Trimethylbenzene (constituent) 95-63-6	X
Naphthalene (constituent) 91-20-3	X
Cumene (constituent) 98-82-8	X

Chemical name	New Jersey
Isophorone 78-59-1	X
Titanium Dioxide 13463-67-7	X
1,2,4-Trimethylbenzene (constituent) 95-63-6	X
Naphthalene (constituent) 91-20-3	X
Cumene (constituent) 98-82-8	X

Chemical name	Pennsylvania
Isophorone 78-59-1	X
Titanium Dioxide 13463-67-7	X
1,2,4-Trimethylbenzene (constituent) 95-63-6	X
Naphthalene (constituent) 91-20-3	X
Cumene (constituent) 98-82-8	X

California Proposition 65

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm

Chemical name	California Proposition 65
Titanium Dioxide	Carcinogen
Naphthalene (constituent)	Carcinogen
Cumene (constituent)	Carcinogen

This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product

Canada

Chemical name	NPRI - National Pollutant Release Inventory
Isophorone 78-59-1	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Solvent naphtha, petroleum, heavy aromatic 64742-94-5	Part 5, Other Groups and Mixtures Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Ethyl 3-ethoxypropionate 763-69-9	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Solvent naphtha, petroleum, light aromatic 64742-95-6	Part 5, Other Groups and Mixtures
1,2,4-Trimethylbenzene (constituent) 95-63-6	Part 1, Group A Substance; Part 5, Individual Substances Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Naphthalene (constituent) 91-20-3	Part 1, Group A Substance Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
1,3,5-Trimethylbenzene (constituent) 108-67-8	Part 5, Isomer Groups (total of 1,2,3-Trimethylbenzene, CAS 526-73-8, and 1,3,5-Trimethylbenzene, CAS 108-67-8, excluding 1,2,4-Trimethylbenzene, CAS 95-63-6, listed under Trimethylbenzene (all isomers)) Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Cumene (constituent) 98-82-8	Part 1, Group A Substance Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)

16. OTHER INFORMATION

HMIS	Health hazards	Flammability	Reactivity	Personal Protection
	2 *	2	0	X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value

ACGIH: (American Conference of Governmental Industrial Hygienists)

- A1 - Known Human Carcinogen
- A2 - Suspected Human Carcinogen
- A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

- Group 1 - Carcinogenic to Humans
- Group 2A - Probably Carcinogenic to Humans
- Group 2B - Possibly Carcinogenic to Humans
- Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP: (National Toxicity Program)

- Known - Known Carcinogen

Reasonably Anticipated to be a Human Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Revision Date Jan-25-2023

Pursuant to NOM-018-STPS-2015

This information within is considered correct but is not exhaustive and will be used for guidance only, which is based on the current knowledge of the substance or mixture and is applicable to the appropriate safety precautions for the product.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet