

## SAFETY DATA SHEET

Issuing Date: 08-Oct-2018

Version 10

### Flat Vinyl VYL Series Solvent Based Screen Inks

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Flat Vinyl VYL Series Solvent Based Screen Inks

**Product code** VYL

**Product Code(s)** VYL-010(K77902) VYL-014(K77551) VYL-030(K77547) VYL-031(K77548) VYL-035(K77550) VYL-040(K77549) VYL-041(K77552) VYL-050(K77553) VYL-052(K77554) VYL-070(K77778) VYL-080(K77901) VYL-150(K91956) VYL-152(K91958) VYL-350(K91821) VYL-351(K91961) VYL-352(K91962) VYL-504(K72408) VYL-700(K37287) VYL-701(K85821) VYL-800(K37288) VYL-801(K84777) VYL-900(K37446) VYL-901(K77133) VYL-1001(K76178) K82248

**Product Use** Solvent Based Screen Printing Ink.

**Manufactured by**  
 FUJIFILM Manufacturing U.S.A., Inc.  
 20 West 14th Avenue  
 North Kansas City, MO. 64116 USA  
 Phone#: (913) 342-4060

**Distributed in Canada by**  
 FUJIFILM Canada, Inc.  
 600 Suffolk Ct.  
 Mississauga, Ontario L5R 4G4

**SDSs are available at the following website(s):** <http://www.fujifilmusa.com/msds>

**Company Phone Number** U.S.A: 800-473-3854 Canada: 800-263-5018

**Emergency Telephone** Transport-CHEMTREC Inside NA: 800-424-9300  
 Transport-CHEMTREC Outside NA: 703-527-3887  
 Transport-CANUTEC Inside Canada: 613-996-6666  
 Medical Emergency (24 hour): 877-935-7387

**E-mail** EHS@fujifilm.com

#### 2. HAZARDS IDENTIFICATION

**Classification**

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
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Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 3

### GHS Label elements, including precautionary statements

Danger

#### **Hazard Statements**

Harmful if inhaled

Causes skin irritation

Causes serious eye damage

May cause cancer

May cause respiratory irritation. May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Flammable liquid and vapor



### Precautionary Statements

#### **Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

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

Use only outdoors or in a well-ventilated area

Wash face, hands and any exposed skin thoroughly after handling

Do not breathe dust/fume/gas/mist/vapors/spray

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Use explosion-proof electrical (ventilation and lighting) equipment

Keep cool

#### **Response**

If exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor/physician

If skin irritation occurs: Get medical advice/attention

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

Wash contaminated clothing before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

#### **Storage**

Store locked up

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

#### **Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not classified

**Other hazards**

May be harmful if swallowed

May be harmful in contact with skin

**Unknown Acute Toxicity**

9.1% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Methoxypropanol acetate	108-65-6	10-30%
Cyclohexanone	108-94-1	10-30%
Hydrous aluminum silicate	1332-58-7	10-30%
Ethylene glycol monobutyl ether	111-76-2	10-30%
2-(2-hydroxy-3,5-di-tert-amylphenyl) benzotriazole	25973-55-1	1-5%
Naphthalene	91-20-3	0.1-1%

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

**4. FIRST AID MEASURES****First aid measures for different exposure routes**

<b>General advice</b>	Do not get in eyes, on skin, or on clothing. If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Eye contact</b>	Keep eye wide open while rinsing. In case of contact with substance, immediately flush eyes with running water for at least 30 minutes. Do not rub affected area. Call a physician immediately.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/ physician.
<b>Protection of First-aiders</b>	Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**

May cause redness, itching, and pain. Burning feeling and temporary redness. Burning sensation. Redness.

**Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Water spray. Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.

**Unsuitable Extinguishing Media**

None known.

**Specific hazards arising from the chemical**

Flammable. Will be easily ignited by heat, sparks or flames.

**Hazardous Combustion Products**

Carbon oxides. Hydrogen chloride.

**Explosion Data**

**Sensitivity to Mechanical Impact** none

**Sensitivity to Static Discharge** Yes

**Protective Equipment and Precautions for Firefighters**

Move containers from fire area if you can do it without risk. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

Remove all sources of ignition. Use personal protective equipment. Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up**

**Methods for Containment** A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for cleaning up** Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Use personal protective equipment. Take precautionary measures against static discharges. Pay attention to flashback. Use only non-sparking tools. Clean contaminated surface thoroughly. After cleaning, flush away traces with water.

**Other information** Water spray may reduce vapor; but may not prevent ignition in closed spaces.

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

Wear personal protective equipment. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Ensure adequate ventilation. Handle product only in closed system or provide appropriate exhaust ventilation at machinery. In case of insufficient ventilation, wear suitable respiratory equipment.

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

Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA - Workplace Environmental Exposure Levels (WEELs) - TWAs
Methoxypropanol acetate				50 ppm TWA
Cyclohexanone	STEL: 50 ppm TWA: 20 ppm S*	TWA: 50 ppm TWA: 200 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 100 mg/m <sup>3</sup> (vacated) S*	IDLH: 700 ppm TWA: 25 ppm TWA: 100 mg/m <sup>3</sup>	
Hydrous aluminum silicate	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	
Ethylene glycol monobutyl ether	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>	
Naphthalene	TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m <sup>3</sup> (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m <sup>3</sup>	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup>	

**Exposure controls**

**Engineering Measures**

Ventilation systems

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

**Eye/Face Protection**

Tightly fitting safety goggles. Face-shield.

**Skin and body protection**

Wear protective gloves/clothing.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**

When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	According to product specification	<b>Odor</b>	Solvent
<b>Odor Threshold</b>	Not available	<b>Physical State @20°C</b>	Liquid
<b>pH</b>	Not available	<b>Molecular Weight</b>	Not available
<b>Specific Gravity</b>	1.022 - 1.454	<b>Autoignition temperature</b>	Not available
<b>Flash point</b>	109 °F / 43 °C	<b>Boiling point / boiling range</b>	295 °F / 146 °C
<b>Decomposition temperature</b>	Not available	<b>Freezing Point</b>	Not available
<b>Melting point / melting range</b>	Not available		
<b>Flammability Limit in Air</b>			
<b>upper</b>	10.8		
<b>Lower</b>	1.1		

<b>Oxidizing Properties</b>	Not available	<b>Explosive Properties</b>	Not available
<b>Solubility</b>	Practically insoluble	<b>Partition coefficient</b>	Not available
<b>Evaporation rate</b>	Not available	<b>Vapor Pressure</b>	4.0 mmHg @ 20 °C
<b>Vapor density</b>	Not available	<b>Density</b>	Not available
<b>Weight per Gallon (lbs)</b>	8.5-12.1	<b>Actual VOC (lb/gal)</b>	4.83-5.96
<b>VOC (lb/gal)</b>	5.395	<b>VOC (g/l)</b>	646.48
<b>Dynamic viscosity</b>	Not available		

**VOC Content California**  
**VOC Content of Material** 580-715 grams per liter  
**VOC Content of Coating less Water and Exempt Solvents** 580-715 grams per liter

**10. STABILITY AND REACTIVITY**

**Reactivity**

Stable under recommended storage conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

Hazardous polymerization does not occur.

**Conditions to Avoid**

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity. Heat, flames and sparks.

**Incompatible Materials**

Strong oxidizing agents, strong acids, and strong bases.

**Hazardous Decomposition Products**

Hydrogen chloride. Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

**Acute toxicity**

**Inhalation**

Harmful by inhalation. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

**Eyes**

Risk of serious damage to eyes.

**Skin**

Irritating to skin.

**Ingestion**

Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>LC50 (lethal concentration)</b>
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Methoxypropanol acetate	= 8532 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	5321 mg/m <sup>3</sup>
Cyclohexanone	= 1544 mg/kg ( Rat )	= 947 mg/kg ( Rabbit )	= 8000 ppm ( Rat ) 4 h
Hydrous aluminum silicate	> 5 g/kg (Rat)	> 5000 mg/kg ( Rat )	
Ethylene glycol monobutyl ether	= 470 mg/kg ( Rat )	400 mg/kg ( Rabbit ) 2270 mg/kg ( Rat )	= 450 ppm ( Rat ) 4 h = 486 ppm ( Rat ) 4 h
2-(2-hydroxy-3,5-di-tert-amyphenyl) benzotriazole	> 2325 mg/kg ( Rat )		
Naphthalene	= 1110 mg/kg ( Rat ) = 490 mg/kg ( Rat )	(= 1120 mg/kg ( Rabbit ) > 20 g/kg ( Rabbit )	> 340 mg/m <sup>3</sup> ( Rat ) 1 h

**Information on toxicological effects**

No information available.

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

<b>Irritation</b>	Irritating to skin.
<b>Corrosivity</b>	Risk of serious damage to eyes.
<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen. Contains a known or suspected carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Cyclohexanone	A3	Group 3		
Ethylene glycol monobutyl ether	A3	Group 3		
Naphthalene	A3	Group 2B	Reasonably Anticipated	X

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

- A1 - Known Human Carcinogen
- A2 - Suspected Human Carcinogen
- A3 - Animal Carcinogen
- A4 - Not Classifiable as a Human Carcinogen

**NTP: (National Toxicity Program)**

- Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
- Known - Known 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 its carcinogenicity to humans

**OSHA: (Occupational Safety & Health Administration)**

- X - Present

<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	May cause adverse liver effects. May cause adverse kidney effects.
<b>Target Organ Effects</b>	Blood, Central nervous system (CNS), Eyes, Hematopoietic System, Kidney, Liver, Lungs, Lymphatic System, Respiratory system, Skin.
<b>Aspiration hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

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

<b>ATEmix (oral)</b>	2162 mg/kg
<b>ATEmix (dermal)</b>	2472 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	2.8 mg/l
<b>ATEmix (inhalation-vapor)</b>	35.5 mg/l

**ATE: Acute toxicity estimate**

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae toxicity	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Methoxypropanol acetate		Pimephales promelas: 161 mg/L at 96 h		
Cyclohexanone	20: 96 h Chlorella vulgaris mg/L EC50	Pimephales promelas: 481 - 578 mg/L at 96 h Pimephales promelas: 8.9 mg/L at 96 h		
Naphthalene		Pimephales promelas: 5.74 - 6.44 mg/L at 96 h Pimephales promelas: 1.99 mg/L at 96 h		1.09 - 3.4: 48 h Daphnia magna mg/L EC50 Static

### Persistence and degradability

No information available.

### Bioaccumulation

Chemical Name	Octanol Water Partition Coefficient (log pow)
Methoxypropanol acetate	0.43
Cyclohexanone	0.86
Ethylene glycol monobutyl ether	0.81
Naphthalene	3.6

### Mobility

No information available.

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Methods

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with all applicable national environmental laws and regulations. Dispose of in accordance with federal, state, and local regulations. Do not dispose of waste into sewers, drains or use other methods that will come into contact with surface waters.

### Contaminated packaging

Do not re-use empty containers.

### US EPA Waste Number

D001



**14. TRANSPORT INFORMATION**

**DOT**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Reportable Quantity (RQ)</b>	Cyclohexanone: RQ kg= 141.40,
<b>Description</b>	UN1210 Printing ink 3, III
<b>Emergency Response Guide Number</b>	129
<b>Packaging Exceptions</b>	150
<b>Non-bulk Packaging</b>	173
<b>Bulk Packaging</b>	242

**TDG**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1210 Printing ink 3, III

**MEX**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1210 Printing ink 3, III

**ICAO**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1210 Printing ink 3, III

**IATA**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1210 Printing ink 3, III

**IMDG**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS-No</b>	F-E, S-D
<b>Description</b>	UN1210 Printing ink 3, III

**ADR/RID**

<b>Proper Shipping Name</b>	Printing ink
<b>UN/ID No</b>	UN1210
<b>Hazard Class</b>	3
<b>Packing Group</b>	III

**Classification Code** F1  
**Description** UN1210 Printing ink 3, III  
**ADR/RID-Labels** 3

**ADN**

**Proper Shipping Name** Printing ink  
**UN/ID No** UN1210  
**Hazard Class** 3  
**Packing Group** III  
**Classification Code** F1  
**Description** UN1210 Printing ink 3, III  
**Limited quantity** LQ7  
**Ventilation** VE01

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Yes  
**DSL/NDSL** Yes  
**PICCS** Yes  
**EINECS/ELINCS** No  
**ENCS** No  
**IECSC** Yes  
**KECL** Yes  
**AICS** Yes

**\*Yes - All component(s) of this product are included or are exempt from listing on the inventory.**

**\*No - Indicates the component(s) of this product are either not listed or have not been determined to be listed on the inventory.**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**TSCA Sections 4, 5 and 12(b)**

This product does not contain any chemicals regulated by TSCA Sections 4, 5 or 12(b).

**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	SARA 313 - Threshold Values %	Weight-%
Ethylene glycol monobutyl ether	111-76-2	1.0	10-30%
Naphthalene	91-20-3	0.1	0.1-1%

**SARA 311/312 Hazard Categories**

Classification is shown in section 2 of this SDS

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):.

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Naphthalene	100 lb	X	X	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Cyclohexanone	5000		RQ 5000 lb final RQ RQ 2270 kg final RQ
Naphthalene	100 1		RQ 100 lb final RQ RQ 45.4 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ

**U.S. State Regulations**

**California Proposition 65**



**WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov); Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	CAS No	California Prop. 65	Weight-%
Naphthalene	91-20-3	Carcinogen	0.1-1.0%
toluene	108-88-3	Developmental	<0.1%
vinyl chloride	75-01-4	Carcinogen	<0.01%
ethyl acrylate	140-88-5	Carcinogen	<0.01%
trichloroethylene	79-01-6	Carcinogen	<0.01%

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Cyclohexanone	X	X	X	X	X
Hydrous aluminum silicate	X	X	X		X
Ethylene glycol monobutyl ether	X	X	X	X	X
Naphthalene	X	X	X	X	X

**International Regulations**

**Canada - NDSL**

This product does not contain any NDSL chemicals.

**Mexico - Grade**

Moderate risk, Grade 2

**Mexico - Carcinogen Status and Exposure Limits**

Chemical Name	Carcinogen Status	Exposure Limits
Cyclohexanone		Mexico: TWA 50 ppm Mexico: TWA 200 mg/m <sup>3</sup> Mexico: STEL 100 ppm Mexico: STEL 400 mg/m <sup>3</sup>
Hydrous aluminum silicate		Mexico: TWA 10 mg/m <sup>3</sup> Mexico: STEL 20 mg/m <sup>3</sup>
Ethylene glycol monobutyl ether		Mexico: TWA 26 ppm Mexico: TWA 120 mg/m <sup>3</sup> Mexico: STEL 75 ppm Mexico: STEL 360 mg/m <sup>3</sup>
Naphthalene		Mexico: TWA 10 ppm Mexico: TWA 50 mg/m <sup>3</sup> Mexico: STEL 15 ppm

		Mexico: STEL 75 mg/m <sup>3</sup>
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**Other Regulations**

No information available

<b>CPSIA</b>	Formulated to comply
<b>CONEG</b>	Formulated to comply
<b>ASTM F-963</b>	Formulated to comply
<b>CHPA</b>	Formulated to comply
<b>RoHS</b>	Formulated to comply
<b>REACH/SVHC</b>	Does not comply
<b>EN-71</b>	Formulated to comply

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazard</b> 2	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and chemical hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 2*	<b>Flammability</b> 2	<b>Physical Hazard</b> 0	<b>Personal protection</b> B

*\*Indicates a chronic health hazard.*

**Prepared By** FUJIFILM Environment, Health and Safety, phone: 800-473-3854

**Revision Date** 08-Oct-2018

**Revision Note** No information available

**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**