

1. Product and Company Identification

Product identifier	W260 SERIES SOLVENT BASED WIPING STAINS- REGULATED
Other means of identification	W241; W260; W261; W262; W263; W264; W265; W266; W267; W268;
Synonyms	Fast Dry Pigmented Wiping Stains
Recommended use	None known.
Recommended restrictions	
Manufacturer information	John E. Goudey Manufacturing Limited 21 Primrose Avenue Toronto, ON M6H 3V1 CA Phone: (416)531-4669
Supplier	See above.
CANUTEC	(613) 996-6666

2. Hazards Identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1
	Reproductive toxicity	Category 1B
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 1 (central nervous system)
Environmental hazards	Aspiration hazard	Category 1
WHMIS 2015 defined hazards	Not classified.	
Label elements	Not classified	



Signal word

Danger

Hazard statement

Highly flammable liquid and vapor.
 May be fatal if swallowed and enters airways.
 Causes skin irritation.
 Causes serious eye damage.
 May cause an allergic skin reaction.
 May cause genetic defects.
 May cause cancer.
 May damage fertility or the unborn child.
 May cause respiratory irritation.
 May cause drowsiness or dizziness.
 Causes damage to organs (central nervous system) through prolonged or repeated exposure.

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.
 Wash thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
 Do not breathe mist or vapor. Use only outdoors or in a well-ventilated area.
 Do not eat, drink or smoke when using this product.
 Wear protective gloves/protective clothing/eye protection/face protection.

Response

In case of fire: Use appropriate media to extinguish.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see information on this label).
 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/doctor.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Storage

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

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)

None known

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	%
1-Butanol		71-36-3	5-10*
2-Butanone, oxime		96-29-7	0.1-1*
Antimony Nickel Titanium Oxide Yellow		8007-18-9	0.1-1*
Benzene, ethenylethyl-		28106-30-1	10-30*
Benzene, ethyl-		100-41-4	0.1-1*
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo-		5567-15-7	1-5*
Carbon black		1333-86-4	5-10*
Ethanol		64-17-5	1-5*
Heavy aromatic solvent naphtha (petroleum)		64742-94-5	10-30*
Hydrous magnesium silicate		14807-96-6	1-5*
Methanol		67-56-1	0.1-1*
Naphtha (petroleum), heavy alkylate		64741-65-7	1-5*
Solvent naphtha (petroleum), medium aliphatic		64742-88-7	5-10*
Stoddard solvent		8052-41-3	1-5*
Xylene		1330-20-7	0.1-1*

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

Composition comments

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see information on this label).
Eye contact	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/doctor.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Suitable extinguishing media	Water fog. 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	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. 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 discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

Precautions for safe handling	<p>All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material.</p>
Conditions for safe storage, including any incompatibilities	<p>Store locked up. Store in a cool, dry place out of direct sunlight. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.</p>

8. Exposure Controls/Personal Protection

Occupational exposure limits

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

Components	Type	Value	Form
1-Butanol (CAS 71-36-3)	TWA	60 mg/m ³ 20 ppm	
Benzene, ethyl- (CAS 100-41-4)	STEL	543 mg/m ³ 125 ppm	
	TWA	434 mg/m ³ 100 ppm	
Carbon black (CAS 1333-86-4)	TWA	3.5 mg/m ³	
Ethanol (CAS 64-17-5)	TWA	1880 mg/m ³ 1000 ppm	
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m ³	Respirable particles.
Methanol (CAS 67-56-1)	STEL	328 mg/m ³ 250 ppm	
	TWA	262 mg/m ³ 200 ppm	
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	1590 mg/m ³ 400 ppm	
	TWA	572 mg/m ³ 100 ppm	
Xylene (CAS 1330-20-7)	STEL	651 mg/m ³ 150 ppm	
	TWA	434 mg/m ³ 100 ppm	

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
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1-Butanol (CAS 71-36-3)

Ceiling
TWA

30 ppm
15 ppm

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	TWA	200 mg/m3	Non-aerosol.
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable.
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	TWA	200 mg/m3	Non-aerosol.
Stoddard solvent (CAS 8052-41-3)	STEL	580 mg/m3	
	TWA	290 mg/m3	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Type	Value	Form
1-Butanol (CAS 71-36-3)	TWA	20 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	TWA	200 mg/m3	Non-aerosol.
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	TWA	200 mg/m3	Non-aerosol.
Stoddard solvent (CAS 8052-41-3)	TWA	100 ppm	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

**Exposure to Biological or Chemical Agents) Components
Type Value****Form**

1-Butanol (CAS 71-36-3)	TWA	20 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 fibers/ml	
		2 mg/m3	Respirable fraction.
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	

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

Components	Type	Value	Form
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	525 mg/m3	
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	TWA	200 mg/m3	Non-aerosol.
Stoddard solvent (CAS 8052-41-3)	TWA	100 ppm	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value	Form
1-Butanol (CAS 71-36-3)	Ceiling	152 mg/m3	
		50 ppm	
Benzene, ethyl- (CAS 100-41-4)	STEL	543 mg/m3	
		125 ppm	
		434 mg/m3	
	TWA	100 ppm	
		3.5 mg/m3	
Carbon black (CAS 1333-86-4)	TWA	3.5 mg/m3	
Ethanol (CAS 64-17-5)	TWA	1880 mg/m3	
		1000 ppm	
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	TWA	1590 mg/m3	
		400 ppm	
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	3 mg/m3	Respirable dust.
Methanol (CAS 67-56-1)	STEL	328 mg/m3	
		250 ppm	
		262 mg/m3	
	TWA	200 ppm	
		1590 mg/m3	
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	1590 mg/m3	
		400 ppm	
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	TWA	1590 mg/m3	
		400 ppm	
Stoddard solvent (CAS 8052-41-3)	TWA	525 mg/m3	
		100 ppm	
Xylene (CAS 1330-20-7)	STEL	651 mg/m3	
		150 ppm	
		434 mg/m3	
	TWA	100 ppm	

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

Components	Type	Value
1-Butanol (CAS 71-36-3)	PEL	300 mg/m3
		100 ppm
Benzene, ethyl- (CAS 100-41-4)	C a r b	on black (CAS 1333-86-4)

PEL

435
mg/
m³

PEL

100
pp
m

3.5
mg/
m³

Ethanol (CAS 64-17-5)

PEL

1900 mg/m³
1000 ppm

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

Components	Type	Value
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	PEL	400 mg/m3
		100 ppm
Methanol (CAS 67-56-1)	PEL	260 mg/m3
		200 ppm
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	PEL	400 mg/m3
		100 ppm
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	PEL	400 mg/m3
		100 ppm
Stoddard solvent (CAS 8052-41-3)	PEL	2900 mg/m3
		500 ppm
Xylene (CAS 1330-20-7)	PEL	435 mg/m3
		100 ppm

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

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

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
1-Butanol (CAS 71-36-3)	TWA	20 ppm	
Benzene, ethyl- (CAS 100-41-4)	TWA	20 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	TWA	200 mg/m3	Non-aerosol.
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	TWA	200 mg/m3	Non-aerosol.
Stoddard solvent (CAS 8052-41-3)	TWA	100 ppm	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

50 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1-Butanol (CAS 71-36-3)	Ceiling	150 mg/m3

Form

Benzene, ethyl- (CAS 100-41-4)	STEL	545 mg/m3
		125 ppm
	TWA	435 mg/m3
		100 ppm
Carbon black (CAS 1333-86-4)	TWA	0.1 mg/m3
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
		1000 ppm	
Hydrous magnesium silicate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable.
Methanol (CAS 67-56-1)	STEL	325 mg/m3 250 ppm	
	TWA	260 mg/m3 200 ppm	
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	TWA	400 mg/m3 100 ppm	
	Ceiling	1800 mg/m3	
Stoddard solvent (CAS 8052-41-3)	TWA	350 mg/m3	
	STEL	655 mg/m3 150 ppm	
	TWA	435 mg/m3 100 ppm	

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
2-Butanone, oxime (CAS 96-29-7)	TWA	36 mg/m3 10 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Benzene, ethyl- (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Methanol (CAS 67-56-1)	15 mg/L	Methanol	Urine	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

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

Methanol (CAS 67-56-1)
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)

Exposure guidelines See above

Canada - Alberta OELs: Skin designation

- Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)
- Methanol (CAS 67-56-1)
- Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)
- Toluene (CAS 108-88-3)

Canada - British Columbia OELs: Skin designation

- Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)
- Methanol (CAS 67-56-1)
- Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)

Canada - Manitoba OELs: Skin designation

- Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)
- Methanol (CAS 67-56-1)
- Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)

Canada - Ontario OELs: Skin designation

- Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)

Can be absorbed through the
skin. Can be absorbed
through the skin.
Can be absorbed through the
skin. Can be absorbed
through the skin.

Can be absorbed through the skin.
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Can be absorbed through the
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through the skin.
Can be absorbed through the skin.

Canada - Quebec OELs: Skin designation

1-Butanol (CAS 71-36-3)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Toluene (CAS 108-88-3)	Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	Can be absorbed through the skin.
Toluene (CAS 108-88-3)	Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	Can be absorbed through the skin.

US. NIOSH: Pocket Guide to Chemical Hazards

1-Butanol (CAS 71-36-3)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.

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

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection Impervious gloves. Confirm with a reputable supplier first.

Other

Wear appropriate chemical resistant clothing. 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

Not applicable.

General hygiene considerations

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. Contaminated work clothing should not be allowed out of the workplace. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Liquid
Physical state	Liquid.
Form	Liquid.
Color	Colored
Odor	aromatic odour
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	167 °F (75 °C)
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	59.0 °F (15.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
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Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	20 - 25 seconds Zahn# 2
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and Reactivity

Reactivity	
Possibility of hazardous reactions	This product may react with strong oxidizing agents. Hazardous polymerization does not occur.
Chemical stability	
Conditions to avoid	Material is stable under normal conditions.
Incompatible materials	Avoid heat, sparks, open flames and other ignition sources. Do not mix with other chemicals.
Hazardous decomposition products	Strong oxidizing agents. Alkaline metals. 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	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. May cause stomach distress, nausea or vomiting.
Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause irritation to the respiratory system.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Information on toxicological effects	
Acute toxicity	May be fatal if swallowed and enters airways. Narcotic effects. May cause respiratory irritation. May cause an allergic skin reaction.

Components	Species	Test Results
1-Butanol (CAS 71-36-3)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	3430 mg/kg, 24 Hours, ECHA 3400 mg/kg, NIOSH 4.2 ml/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	8000 ppm, 4 Hours, HSDB 17.7 mg/l/4h, NIOSH
<i>Oral</i>		
LD50	Rat	4360 mg/kg, ECHA

Components	Species	Test Results
		2292 mg/kg, ECHA 790 mg/kg, South African Medical Journal. 2.8 ml/kg, ECHA
2-Butanone, oxime (CAS 96-29-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 1000 mg/kg, 24 Hours, ECHA 0.2 - 2 ml/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	> 10.5 mg/L, 8 Hours, ECHA > 4.8 mg/L, 4 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 900 mg/kg, ECHA 2528 mg/kg, ECHA 2326 mg/kg, ECHA
Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)		
Acute		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 10000 mg/kg, ECHA > 2000 mg/kg, ECHA
Benzene, ethenylethyl- (CAS 28106-30-1)		
Acute		
<i>Dermal</i>		
	Not available	
<i>Inhalation</i>		
	Not available	
<i>Oral</i>		
	Not available	
Benzene, ethyl- (CAS 100-41-4)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	17800 mg/kg, HSDB 15380 mg/kg, CCOHS: Cheminfo 17.8 ml/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Mouse Rat	> 8000 ppm, 20 Minutes, ECHA 4000 ppm, 4 Hours, CCOHS: Cheminfo
<i>Oral</i>		
LD50	Rat	5460 mg/kg, HSDB 3500 mg/kg, Sigma Aldrich 5.5 g/kg, ECHA/HSDB
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)		
Acute		
<i>Dermal</i>		
LD50	Rat	> 3000 mg/kg, ECHA
<i>Inhalation</i>		
LC50	Rat	> 4400 mg/m3, 4 Hours, ECHA

Components	Species	Test Results
		> 4250 mg/m3, 4 Hours, ECHA > 230 mg/m3, 4 Hours, ECHA
<i>Oral</i> LD50	Rat	> 15000 mg/kg, ECHA > 11700 mg/kg, ECHA > 10000 mg/kg, ECHA > 5300 mg/kg, ECHA > 5000 mg/kg, LOLI > 4000 mg/kg, ECHA > 3550 mg/kg, ECHA > 3400 mg/kg, ECHA > 2850 mg/kg, ECHA > 2350 mg/kg, ECHA > 2000 mg/kg, ECHA > 1230 mg/kg, ECHA > 10 ml/kg, ECHA 2228 mg/kg, ECHA
Carbon black (CAS 1333-86-4)		
Acute <i>Dermal</i> LD50	Rabbit	> 3000 mg/kg
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Rat	> 15400 mg/kg > 10000 mg/kg, ECHA > 8000 mg/kg, ECHA/HSDB
Ethanol (CAS 64-17-5)		
Acute <i>Dermal</i> LD50	Rabbit	> 15800 mg/kg, SIDS initial assessment report
<i>Inhalation</i> LC50	Cat	85.4 mg/L, 4.5 Hours, ECHA 43.7 mg/L, 6 Hours, ECHA
	Mouse	> 60000 ppm, 60 Minutes, ECHA 79.4 mg/L, 134 Minutes, ECHA
	Rat	> 115.9 mg/L, 4 Hours, ECHA 31623 ppm, 4 Hours, HMIRA 20000 ppm, 10 Hours, HSDB 51.3 mg/L, 6 Hours, ECHA
<i>Oral</i> LD50	Dog	5.5 g/kg, HSDB
	Guinea pig	5600 mg/kg, HSDB
	Monkey	6000 mg/kg
	Mouse	10500 ml/kg, ECHA 3450 mg/kg, SAX
	Pig	> 5000 mg/kg, ECHA
	Rat	1187 - 2769 mg/kg, ECHA

Components	Species	Test Results
		12400 mg/kg, ECHA
		10470 mg/kg, ECHA
		7800 ml/kg, ECHA
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 6000 mg/kg, 24 Hours
		> 4000 mg/kg, 24 Hours
		> 2000 mg/kg, 24 Hours, ECHA
	Rat	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	> 7.5 mg/L, 6 Hours, ECHA
		> 4.3 mg/L, 4 Hours, ECHA
		> 0.1 mg/L, 8 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
		> 2000 mg/kg, ECHA
		7050 mg/kg, HMIRC
		5800 mg/kg, ECHA
		4820 mg/kg, ECHA
Hydrous magnesium silicate (CAS 14807-96-6)		
Acute		
<i>Dermal</i>		
LD50	Rat	> 2000 mg/kg, ECHA
<i>Inhalation</i>		
LC50	Rat	> 2.1 mg/L, 4 h, ECHA
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg, ECHA
Methanol (CAS 67-56-1)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	15800 - 20000 mg/kg, SIDS report/HSDB
	Rat	> 450000 mg/kg, SIDS report/HSDB
<i>Inhalation</i>		
LC50	Cat	85.4 mg/l/4h, HSDB
		85.4 mg/L, 4.5 Hours, ECHA/HSDB
		43.7 mg/L, 6 Hours, ECHA
	Mouse	79.4 mg/L, 134 Minutes, ECHA
	Rat	> 115.9 mg/L, 4 Hours, ECHA
		64000 ppm, 4 Hours, HSDB
		130.7 mg/L, 4 Hours, ECHA
		128.2 mg/L, 4 Hours, ECHA
		92.6 mg/L, 6 Hours, ECHA
		87.5 mg/L, 6 Hours, ECHA
		83.2 - 128.8 mg/l/4h, SIDS report/HSDB
		82.1 mg/L, 6 Hours, ECHA
<i>Oral</i>		
LD50	Dog	

Human

8000 mg/kg, HSDB
143 - 300 mg/kg, HSNO
CCID/Sigma-Aldrich

Components	Species	Test Results
	Monkey	7000 - 9000 mg/kg, ECHA 6000 mg/kg, ECHA 3000 mg/kg, RTECS 2000 mg/kg, HSDB
	Mouse	7300 mg/kg, HSDB
	Pig	> 5000 mg/kg, ECHA
	Rabbit	14200 - 14400 mg/kg, RTECS 14.4 g/kg, HSDB
	Rat	1187 - 2769 mg/kg 790 - 13000 mg/kg, SIDS report/HSDB 5628 mg/kg, HSDB
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 6000 mg/kg, 24 Hours, ECHA > 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
<i>Inhalation</i>		
LC50	Rat	> 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

Components	Species	Test Results
		> 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
Oral 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 14063 mg/kg, ECHA 6620 mg/kg, ECHA 5800 mg/kg, ECHA 5390 mg/kg, ECHA 4820 mg/kg, ECHA
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)		
Acute Dermal LD50	Rabbit	> 4000 mg/kg, 24 Hours > 2000 mg/kg > 2000 mg/kg, 24 Hours 3000 mg/kg, NIOSH
Inhalation LC50	Cat Rat	> 6.4 mg/L, 6 Hours > 7.5 mg/L, 6 Hours > 6 mg/L, 4 Hours, ECHA > 5.7 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.3 mg/L, 4 Hours, ECHA > 5.2 mg/L, 4 Hours, ECHA > 4.6 mg/L, 4 Hours, ECHA > 4.5 mg/L, 4 Hours, ECHA > 4.3 mg/L, 4 Hours > 0.1 mg/L, 8 Hours 5.3 mg/l/4h, NIOSH
Oral LD50	Rat	> 20000 mg/kg > 5000 mg/kg, NIOSH > 25 ml/kg

Components	Species	Test Results
Stoddard solvent (CAS 8052-41-3)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 3000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5500 mg/m3
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Xylene (CAS 1330-20-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 ml/kg, 4 Hours, ECHA > 43 g/kg, HSDB 12126 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Mouse	3907 ppm, 6 Hours, HSDB 3907 mg/L, 6 Hours, HSDB
	Rat	6700 ppm, 4 Hours, ECHA 6580 ppm, 4 Hours, ECHA 6350 ppm, 4 Hours, ECHA/HSDB 6247 ppm, 4 Hours, ECHA 5922 ppm, 4 Hours, ECHA
<i>Oral</i>		
LD50	Mouse	5627 mg/kg, ECHA/HSDB 5251 mg/kg, ECHA
	Rat	> 4000 mg/kg, ECHA 6670 mg/kg, HSDB 4300 mg/kg, ECHA/HSDB 3523 mg/kg 10 ml/kg, ECHA
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 damage.	
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		
Canada - Alberta OELs: Irritant		
1-Butanol (CAS 71-36-3)		Irritant
2-Heptanone (CAS 110-43-0)		Irritant
Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)		Irritant
Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)		Irritant
Titanium oxide (CAS 13463-67-7)		Irritant
Respiratory sensitization	Not a respiratory sensitizer	

Skin sensitization	May cause an allergic skin reaction.
Mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer. See below.

ACGIH Carcinogens

Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	A1 Confirmed human carcinogen.
Benzene, ethyl- (CAS 100-41-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Carbon black (CAS 1333-86-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	A3 Confirmed animal carcinogen with unknown relevance to humans.

Canada - Alberta OELs: Carcinogen category

Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	Confirmed human carcinogen.
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Canada - Manitoba OELs: carcinogenicity

CARBON BLACK, INHALABLE FRACTION (CAS 1333-86-4)	Confirmed animal carcinogen with unknown relevance to humans.
Cobalt and inorganic compounds, as Co (CAS 20506-24-5)	Confirmed animal carcinogen with unknown relevance to humans.
ETHANOL (CAS 64-17-5)	Confirmed animal carcinogen with unknown relevance to humans.
ETHYL BENZENE (CAS 100-41-4) KEROSENE (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR (CAS 64742-88-7) KEROSENE (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR (CAS 64742-94-5) NICKEL, INSOLUBLE INORGANIC COMPOUNDS (NOS), AS NI, INHALABLE FRACTION (CAS 8007-18-9)	Confirmed animal carcinogen with unknown relevance to humans. Confirmed animal carcinogen with unknown relevance to humans. Confirmed animal carcinogen with unknown relevance to humans.
	Confirmed animal carcinogen with unknown relevance to humans.
	Confirmed human carcinogen.

Canada - Quebec OELs: Carcinogen category

Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)	Detected carcinogenic effect in animals.
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IARC Monographs. Overall Evaluation of Carcinogenicity

Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)	Volume 49 - 3 Not classifiable as to carcinogenicity to humans.
Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	Volume 49, Volume 100C 1 Carcinogenic to humans.
Benzene, 1,4-dimethyl- (CAS 106-42-3)	Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans.
Benzene, ethyl- (CAS 100-41-4)	Volume 77 - 2B Possibly carcinogenic to humans.
Butanamide, 2,2'-[[3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)	Supplement 7 - 2A Probably carcinogenic to humans.
Carbon black (CAS 1333-86-4)	Volume 65, Volume 93 - 2B Possibly carcinogenic to humans.
Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)	Volume 52 - 2B Possibly carcinogenic to humans.
Ethanol (CAS 64-17-5)	Volume 44, Volume 96, Volume 100E
	Volume 96, Volume 100E
Hydrous magnesium silicate (CAS 14807-96-6)	Volume 42, Supplement 7, Volume 93 - 3 Not classifiable as to carcinogenicity to humans.
	Volume 93 - 2B Possibly carcinogenic to humans.
Stoddard solvent (CAS 8052-41-3)	Volume 47 - 3 Not classifiable as to carcinogenicity to humans.
Titanium oxide (CAS 13463-67-7)	Volume 47, Volume 93 - 2B Possibly carcinogenic to humans.
Toluene (CAS 108-88-3)	Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans.
Xylene (CAS 1330-20-7)	Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity to humans.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)

Benzene, ethyl- (CAS 100-41-4)
 Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)
 Carbon black (CAS 1333-86-4)
 Ethanol (CAS 64-17-5)
 Titanium oxide (CAS 13463-67-7)

US NTP Report on Carcinogens: Anticipated carcinogen

Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5) Reasonably Anticipated to be a Human Carcinogen.

US NTP Report on Carcinogens: Known carcinogen

Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9) Known To Be Human Carcinogen.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	May damage fertility or the unborn child.
Teratogenicity	Contains a potential teratogen. Methanol has produced teratogenic effects in mice exposed by inhalation to high concentrations that did not produce significant maternal toxicity. Xylene is considered fetotoxic in humans, based on observations of reduced fetal weight, delayed ossification and persistent behavioural effects in animal studies in the absence of maternal toxicity.
Specific target organ toxicity - single exposure	May cause respiratory irritation. May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure	Causes damage to organs (central nervous system) through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic effects	Causes damage to organs through prolonged or repeated exposure.

12. Ecological Information

Ecotoxicity	See below		
Ecotoxicological data			
Components		Species	Test Results
1- Butanol (CAS 71-36-3)			
Algae	IC50	Algae	500 mg/L, 72 Hours
Crustacea	EC50	Daphnia	1983 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1897 - 2072 mg/L, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	100 - 500 mg/L, 96 hours
2- Butanone, oxime (CAS 96-29-7)			
Algae	IC50	Algae	83 mg/L, 72 Hours
Crustacea	EC50	Daphnia	750 mg/L, 48 Hours
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	777 - 914 mg/L, 96 hours
Benzene, ethyl- (CAS 100-41-4)			
Algae	IC50	Algae	4.6 mg/L, 72 Hours
Crustacea	EC50	Daphnia	2.1 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/L, 96 hours
Ethanol (CAS 64-17-5)			
Crustacea	EC50	Daphnia	11744.5 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	7.7 - 11.2 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/L, 96 hours

Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)

Algae	IC50	Algae	2.5 mg/L, 72 Hours
Crustacea	EC50	Daphnia	0.95 mg/L, 48 Hours

Components	Species	Test Results
Aquatic		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
		8.8 mg/L, 96 hours
		8.8 mg/L, 96 hours
Methanol (CAS 67-56-1)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna)
		> 10000 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)
		> 100 mg/L, 96 hours
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
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)		
Crustacea	EC50	Daphnia
		100 mg/L, 48 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
Xylene (CAS 1330-20-7)		
Aquatic		
Fish	LC50	Bluegill (Lepomis macrochirus)
		7.711 - 9.591 mg/L, 96 hours
Persistence and degradability	No data is available on the degradability of this product.	
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	

13. Disposal Considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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	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).
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.
General	IMDG Regulated Marine Pollutant.

U.S. Department of Transportation (DOT)

Basic shipping requirements:

UN number	Proper shipping name	Technical name	Hazard class
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Packing group

UN1993
Flammable liquids, n.o.s.
Heavy aromatic solvent naphtha (petroleum)
3
II

Marine pollutant	Yes
Special provisions	IB2, T7, TP1, TP8, TP28
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	Heavy aromatic solvent naphtha (petroleum)
Hazard class	3
Packing group	II
Marine pollutant	Yes
Special provisions	16, 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 CEPA Schedule I: Listed substance

2-Butanone, oxime (CAS 96-29-7)	Listed.
Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	Listed.
Hydrous magnesium silicate (CAS 14807-96-6)	Listed.
Titanium oxide (CAS 13463-67-7)	Listed.

Canada DSL Challenge Substances: Listed substance

2-Butanone, oxime (CAS 96-29-7)	Listed.
Carbon black (CAS 1333-86-4)	Listed.

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

Benzene, 1,4-dimethyl- (CAS 106-42-3)	1 TONNES
Ethanol (CAS 64-17-5)	1 TONNES
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	1 TONNES
Methanol (CAS 67-56-1)	1 TONNES
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	1 TONNES
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	1 TONNES
Stoddard solvent (CAS 8052-41-3)	1 TONNES
Toluene (CAS 108-88-3)	1 TONNES
Xylene (CAS 1330-20-7)	1 TONNES

Canada Priority Substances List (Second List): Listed substance

Hydrous magnesium silicate (CAS 14807-96-6)
Titanium oxide (CAS 13463-67-7)

Export Control List (CEPA 1999, Schedule 3)

Not listed.

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Greenhouse Gases

Not listed.

Precursor Control Regulations

Toluene (CAS 108-88-3)

Class B

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)

Benzene, ethyleneethyl- (CAS 28106-30-1)

1.0 % One-Time Export Notification only.

TSCA Chemical Action Plans, Chemicals of Concern

Butanamide,

Dyes Derived from Benzidine and Its Congeners

2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)

CERCLA Hazardous Substance List (40 CFR 302.4)

1-Butanol (CAS 71-36-3)

Listed.

Amines, C10-14-branched And Linear Alkyl,

Listed.

Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)

Benzene, 1,4-dimethyl- (CAS 106-42-3)

Listed.

Benzene, ethyl- (CAS 100-41-4)

Listed.

Butanamide,

Listed.

2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)

Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a-

Listed.

Methanol (CAS 67-56-1)

Listed.

Toluene (CAS 108-88-3)

Listed.

Xylene (CAS 1330-20-7)

Listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories**Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No**SARA 302 Extremely hazardous substance**

No

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
1-Butanol	71-36-3	5-10*
Benzene, ethyl-	100-41-4	0.1-1*

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

Amines, C10-14-branched And Linear Alkyl,

Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)

Benzene, 1,4-dimethyl- (CAS 106-42-3)

Benzene, ethyl- (CAS 100-41-4)

Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)

Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a-

Methanol (CAS 67-56-1)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

1-Butanol (CAS 71-36-3)	Listed.
2-Heptanone (CAS 110-43-0)	Listed.
Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)	Listed.
Benzene, 1,4-dimethyl- (CAS 106-42-3)	Listed.
Benzene, ethyl- (CAS 100-41-4)	Listed.
Butanamide,	Listed.
2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis [N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)	Listed.
Carbon black (CAS 1333-86-4) Cobaltate(1-) , Bis[2-(3-chlorophenyl)-2, 4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506- 24-5)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	Listed.
Hydrous magnesium silicate (CAS 14807-96-6)	Listed.
Methanol (CAS 67-56-1)	Listed.
Naphtha (petroleum), heavy alkylate (CAS 64741- 65-7)	Listed.
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	Listed.
Stoddard solvent (CAS 8052-41-3)	Listed.
Toluene (CAS 108-88-3)	Listed.
Xylene (CAS 1330-20-7)	Listed.

US - Illinois Chemical Safety Act: Listed substance

1-Butanol (CAS 71-36-3)	
Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)	
Benzene, 1,4-dimethyl- (CAS 106-42-3)	
Benzene, ethyl- (CAS 100-41-4)	
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)	
Cobaltate(1-), Bis[2-(3-chlorophenyl)-2, 4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)	
Ethanol (CAS 64-17-5)	
Methanol (CAS 67-56-1)	
Toluene (CAS 108-88-3)	
Xylene (CAS 1330-20-7)	

US - Louisiana Spill Reporting: Listed substance

1-Butanol (CAS 71-36-3)	Listed.
Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)	Listed.
Benzene, 1,4-dimethyl- (CAS 106-42-3)	Listed.
Benzene, ethyl- (CAS 100-41-4)	Listed.
Butanamide,	Listed.
2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis [N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)	Listed.
Cobaltate(1-), Bis[2-(3-chlorophenyl)-2, 4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Methanol (CAS 67-56-1)	Listed.
Toluene (CAS 108-88-3)	Listed.
Xylene (CAS 1330-20-7)	Listed.

US - Michigan Critical Materials Register: Parameter number

Amines, C10-14-branched And Linear Alkyl, CHROMIUM
 Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-)
 (1:1) (CAS 84961-40-0)
 Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9) NICKEL
 Benzene, 1,4-dimethyl- (CAS 106-42-3) XYLENE (ALL ISOMERS)
 Toluene (CAS 108-88-3) TOLUENE
 Xylene (CAS 1330-20-7) XYLENE (ALL ISOMERS)

US - Minnesota Haz Subs: Listed substance

1- Butanol (CAS 71-36-3) Listed.
 2- Butanone, oxime (CAS 96-29-7) 2-Heptanone (CAS 110-43-0) Listed.
 0) Listed.
 Amines, C10-14-branched And Linear Alkyl,
 Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-)
 (1:1) (CAS 84961-40-0) Listed.
 Benzene, 1,4-dimethyl- (CAS 106-42-3) Listed.
 Benzene, ethyl- (CAS 100-41-4) Listed.
 Butanamide,
 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis
 [N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7) Listed.
 Carbon black (CAS 1333-86-4) Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5) Listed.
 Ethanol (CAS 64-17-5) Listed.
 Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5) Listed.
 Hydrous magnesium silicate (CAS 14807-96-6) Listed.
 Methanol (CAS 67-56-1) Listed.
 Naphtha (petroleum), heavy alkylate (CAS 64741-65-7) Listed.
 Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7) Listed.
 Stoddard solvent (CAS 8052-41-3) Listed.
 Titanium oxide (CAS 13463-67-7) Listed.
 Toluene (CAS 108-88-3) Listed.
 Xylene (CAS 1330-20-7) Listed.

US - New Jersey RTK - Substances: Listed substance

1- Butanol (CAS 71-36-3)
 2- Heptanone (CAS 110-43-0)
 Benzene, 1,4-dimethyl- (CAS 106-42-3)
 Benzene, ethyl- (CAS 100-41-4)
 Cobaltate(1-), Bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)
 Ethanol (CAS 64-17-5)
 Hydrous magnesium silicate (CAS 14807-96-6)
 Methanol (CAS 67-56-1)
 Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)
 Stoddard solvent (CAS 8052-41-3)
 Titanium oxide (CAS 13463-67-7)
 Toluene (CAS 108-88-3)
 Xylene (CAS 1330-20-7)

US - North Carolina Toxic Air Pollutants: Listed substance

Benzene, 1,4-dimethyl- (CAS 106-42-3)
 Toluene (CAS 108-88-3)
 Xylene (CAS 1330-20-7)

US - Pennsylvania RTK - Hazardous Substances: Special hazard

Amines, C10-14-branched And Linear Alkyl,
 Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)
 Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)

US - Texas Effects Screening Levels: Listed substance

1- Butanol (CAS 71-36-3)	Listed.
2- Butanone, oxime (CAS 96-29-7)	Listed.
2-Heptanone (CAS 110-43-0)	Listed.
Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)	Listed.
Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	Listed.
Benzene, 1,4-dimethyl- (CAS 106-42-3)	Listed.
Benzene, ethyl- (CAS 100-41-4)	Listed.
Butanamide, 2,2'-[[3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)	Listed.
Carbon black (CAS 1333-86-4)	Listed.
Ethanol (CAS 64-17-5)	Listed.
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)	Listed.
Hydrous magnesium silicate (CAS 14807-96-6)	Listed.
Methanol (CAS 67-56-1)	Listed.
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)	Listed.
Nepheline syenite (CAS 37244-96-5)	Listed.
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	Listed.
Stoddard solvent (CAS 8052-41-3)	Listed.
Titanium oxide (CAS 13463-67-7)	Listed.
Toluene (CAS 108-88-3)	Listed.

US - Washington Chemical of High Concern to Children: Listed substance

Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	
Benzene, ethyl- (CAS 100-41-4)	
Cobaltate(1-), Bis[2-(3-chlorophenyl)-2, 4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)	
Toluene (CAS 108-88-3)	

US. Massachusetts RTK - Substance List

1- Butanol (CAS 71-36-3)
2- Heptanone (CAS 110-43-0)
Benzene, 1,4-dimethyl- (CAS 106-42-3)
Benzene, ethyl- (CAS 100-41-4)
Carbon black (CAS 1333-86-4)
Ethanol (CAS 64-17-5)
Hydrous magnesium silicate (CAS 14807-96-6)
Methanol (CAS 67-56-1)
Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)
Stoddard solvent (CAS 8052-41-3)
Titanium oxide (CAS 13463-67-7)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

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

1-Butanol (CAS 71-36-3)
Amines, C10-14-branched And Linear Alkyl, Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)
Benzene, 1,4-dimethyl- (CAS 106-42-3)
Benzene, ethyl- (CAS 100-41-4)
Cobaltate(1-), Bis[2-(3-chlorophenyl)-2, 4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)
Heavy aromatic solvent naphtha (petroleum) (CAS 64742-94-5)
Methanol (CAS 67-56-1)
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)
Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

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

1-Butanol (CAS 71-36-3)
2-Heptanone (CAS 110-43-0)

Amines, C10-14-branched And Linear Alkyl,
 Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)
 Benzene, 1,4-dimethyl- (CAS 106-42-3)
 Benzene, ethyl- (CAS 100-41-4)
 Carbon black (CAS 1333-86-4)
 Cobaltate(1-), Bis[2-(3-chlorophenyl)-2, 4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3h-pyrazol-3-onato(2-)]-, Hydrogen, Compd. With [1r-(1.alpha.,4aβ,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a- (CAS 20506-24-5)
 Ethanol (CAS 64-17-5)
 Hydrous magnesium silicate (CAS 14807-96-6)
 Methanol (CAS 67-56-1)
 Stoddard solvent (CAS 8052-41-3)
 Titanium oxide (CAS 13463-67-7)
 Toluene (CAS 108-88-3)
 Xylene (CAS 1330-20-7)

US. Rhode Island RTK

1-Butanol (CAS 71-36-3)
 2-Heptanone (CAS 110-43-0)
 Amines, C10-14-branched And Linear Alkyl,
 Bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3h-pyrazol-3-onato(2-)]chromate(1-) (1:1) (CAS 84961-40-0)
 Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)
 Benzene, 1,4-dimethyl- (CAS 106-42-3)
 Benzene, ethyl- (CAS 100-41-4)
 Carbon black (CAS 1333-86-4)
 Ethanol (CAS 64-17-5)
 Hydrous magnesium silicate (CAS 14807-96-6)
 Methanol (CAS 67-56-1)
 Naphtha (petroleum), heavy alkylate (CAS 64741-65-7)
 Stoddard solvent (CAS 8052-41-3)
 Titanium oxide (CAS 13463-67-7)
 Toluene (CAS 108-88-3)
 Xylene (CAS 1330-20-7)

US. California Proposition 65

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

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Antimony Nickel Titanium Oxide Yellow (CAS 8007-18-9)	Listed: May 7, 2004
Benzene, ethyl- (CAS 100-41-4)	Listed: June 11, 2004
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis [N-(4-chloro-2,5-dimethoxyphenyl)-3-oxo- (CAS 5567-15-7)	Listed: October 1, 1992
Carbon black (CAS 1333-86-4)	Listed: February 21, 2003
Ethanol (CAS 64-17-5)	Listed: April 29, 2011
	Listed: July 1, 1988
Titanium oxide (CAS 13463-67-7)	Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Ethanol (CAS 64-17-5)	Listed: October 1, 1987
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Toluene (CAS 108-88-3)	Listed: January 1, 1991

Inventory status

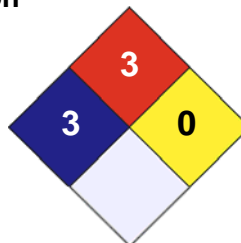
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*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	*	3
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		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.

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09-July-2018

Version

02

Effective date

09-July-2018

Prepared by

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

Other information

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