

# SAFETY DATA SHEET

395

## Section 1. Identification

**Product name** : MINWAX® POLYSHADES® Interior Stain & Polyurethane Satin Finish  
Classic Black

**Product code** : 395

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : MINWAX Company  
101 W. Prospect Ave  
Cleveland, Ohio 44115

**Emergency telephone number of the company** : US/Canada: (800) 424-9300  
Mexico: CHEMTREC México 800-681-9531. Available 24 hours and 365 days per year

**Product Information Telephone Number** : US/Canada: (800) 523-9299  
Mexico: 800-717-3123 / 55-5333-1501

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3  
ASPIRATION HAZARD - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 44.2% (oral), 44.2% (dermal), 44.2% (inhalation)

### GHS label elements

**Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : Flammable liquid and vapor.  
May be fatal if swallowed and enters airways.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.  
Suspected of causing cancer.  
May damage fertility or the unborn child.

**Date of issue/Date of revision** : 8/20/2025 **Date of previous issue** : 9/24/2024

395 MINWAX® POLYSHADES® Interior Stain & Polyurethane Satin Finish  
Classic Black

**Version** : 27 **1/21**

**SHW-85-NA-GHS-US**

## Section 2. Hazards identification

### Precautionary statements

<b>General</b>	: Keep out of reach of children. If medical advice is needed, have product container or label at hand.	▶
<b>Prevention</b>	: 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, or hearing protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor.	▶
<b>Response</b>	: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice or attention.	▶
<b>Storage</b>	: Store locked up. Store in a well-ventilated place. Keep container tightly closed.	▶
<b>Disposal</b>	: Dispose of contents and container in accordance with all local, regional, national and international regulations.	
<b>Supplemental label elements</b>	DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.	
<b>Hazards not otherwise classified</b>	: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.	

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture
<b>Other means of identification</b>	: Not available.

### CAS number/other identifiers

Ingredient name	% by weight	Identifiers	
Light Aliphatic Hydrocarbon	≥25 - ≤50	64742-47-8	▶
Light Aliphatic Hydrocarbon	≥10 - ≤25	64742-47-8	
Amorphous Precipitated Silica	≤10	112926-00-8	
Carbon Black	≤3	1333-86-4	
Zirconium 2-Ethylhexanoate	≤1	22464-99-9	
Lt. Aliphatic Hydrocarbon Solvent	<1	64742-89-8	
Med. Aliphatic Hydrocarbon Solvent	<1	64742-88-7	
Hydrotreated Heavy Petroleum Naphtha	≤0.3	64742-48-9	
Methyl Ethyl Ketoxime	≤0.3	96-29-7	
Xylene, mixed isomers	≤0.3	1330-20-7	
Cobalt 2-Ethylhexanoate	≤0.3	136-52-7	

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

## Section 4. First aid measures

- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- Remark** : Flammable liquid.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

## Section 6. Accidental release measures

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not swallow. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Kerosene]</b> A3. Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Light Aliphatic Hydrocarbon	64742-47-8	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Kerosene]</b> A3. Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Amorphous Precipitated Silica	112926-00-8	<b>NIOSH REL (United States, 10/2020)</b> <b>[SILICA, AMORPHOUS]</b> NIA. TWA 10 hours: 6 mg/m <sup>3</sup> . <b>OSHA PEL Z3 (United States, 6/2016)</b> <b>[Silica, Amorphous]</b> TWA 8 hours: 20 mppcf. TWA 8 hours: 80 / (%SiO <sub>2</sub> ) mg/m <sup>3</sup> .
Carbon Black	1333-86-4	<b>ACGIH TLV (United States, 1/2024)</b> A3. TWA 8 hours: 3 mg/m <sup>3</sup> . Form: Inhalable fraction. <b>NIOSH REL (United States, 10/2020)</b> NIA. TWA 10 hours: 3.5 mg/m <sup>3</sup> . TWA 10 hours: 0.1 mg/m <sup>3</sup> (as cyclohexane-extractable fraction). <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 3.5 mg/m <sup>3</sup> .
Zirconium 2-Ethylhexanoate	22464-99-9	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Zirconium and compounds]</b> A4. TWA 8 hours: 5 mg/m <sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m <sup>3</sup> (as Zr). <b>NIOSH REL (United States, 10/2020)</b> <b>[zirconium compounds]</b> TWA 10 hours: 5 mg/m <sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m <sup>3</sup> (as Zr). <b>OSHA PEL (United States, 5/2018)</b> <b>[Zirconium compounds]</b> TWA 8 hours: 5 mg/m <sup>3</sup> (as Zr).
Lt. Aliphatic Hydrocarbon Solvent	64742-89-8	<b>ACGIH TLV (United States, 1/2024)</b> <b>[branched hexane isomers]</b> A3. TWA 8 hours: 200 ppm. <b>ACGIH TLV (United States, 1/2024)</b> <b>[hexane]</b> A3. Absorbed through skin. TWA 8 hours: 100 ppm. <b>NIOSH REL (United States, 10/2020)</b> <b>[HEXANE ISOMERS]</b> TWA 10 hours: 100 ppm. TWA 10 hours: 350 mg/m <sup>3</sup> . CEIL 15 minutes: 510 ppm. CEIL 15 minutes: 1800 mg/m <sup>3</sup> .
Med. Aliphatic Hydrocarbon Solvent	64742-88-7	<b>OSHA PEL (United States, 5/2018)</b> <b>[Naphtha (Coal tar)]</b> TWA 8 hours: 100 ppm. TWA 8 hours: 400 mg/m <sup>3</sup> .
Hydrotreated Heavy Petroleum Naphtha	64742-48-9	None.



## Section 8. Exposure controls/personal protection

Methyl Ethyl Ketoxime	96-29-7	<b>OARS WEEL (United States, 9/2024)</b> Skin sensitizer. TWA 8 hours: 10 ppm.
Xylene, mixed isomers	1330-20-7	<b>ACGIH TLV (United States, 1/2024)</b> [p-xylene and mixtures containing p-xylene] A4. Ototoxicant. TWA 8 hours: 20 ppm.
Cobalt 2-Ethylhexanoate	136-52-7	<b>OSHA PEL (United States, 5/2018)</b> [Xylenes] TWA 8 hours: 100 ppm. TWA 8 hours: 435 mg/m <sup>3</sup> . <b>ACGIH TLV (United States, 1/2024)</b> [cobalt and inorganic compounds] A3. Skin sensitizer , Inhalation sensitizer. TWA 8 hours: 0.02 mg/m <sup>3</sup> (as Co).

### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Petroleum refining, hydrotreated light distillate	64742-47-8	<b>CA British Columbia Provincial (Canada, 9/2024)</b> [kerosene/jet fuels] Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures. <b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour). <b>CA Quebec Provincial (Canada, 2/2024)</b> [kerosene] C3. Absorbed through skin. TWA EV 8 hours: 200 mg/m <sup>3</sup> . <b>CA Alberta Provincial (Canada, 3/2023)</b> [Kerosene/Jet fuels] Absorbed through skin. OEL 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour).
Petroleum refining, hydrotreated light distillate	64742-47-8	<b>CA British Columbia Provincial (Canada, 9/2024)</b> [kerosene/jet fuels] Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour). Notes: Application restricted to conditions in which there are negligible aerosol exposures. <b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour). <b>CA Quebec Provincial (Canada, 2/2024)</b> [kerosene] C3. Absorbed through skin. TWA EV 8 hours: 200 mg/m <sup>3</sup> . <b>CA Alberta Provincial (Canada, 3/2023)</b> [Kerosene/Jet fuels] Absorbed through skin. OEL 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapour).
Carbon black	1333-86-4	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b>

## Section 8. Exposure controls/personal protection

		<p>STEL 15 minutes: 7 mg/m<sup>3</sup>. TWA 8 hours: 3.5 mg/m<sup>3</sup>. <b>CA British Columbia Provincial (Canada, 9/2024) Carc 2B.</b> TWA 8 hours: 3 mg/m<sup>3</sup>. Form: Inhalable. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 3 mg/m<sup>3</sup>. Form: Inhalable particulate matter.. <b>CA Quebec Provincial (Canada, 2/2024) C3.</b> TWA<sub>EV</sub> 8 hours: 3 mg/m<sup>3</sup>. Form: inhalable aerosol fraction. <b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 3.5 mg/m<sup>3</sup>.</p>
Zirconium 2-Ethylhexanoate	22464-99-9	<p><b>CA British Columbia Provincial (Canada, 9/2024) [zirconium and compounds]</b> TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr). <b>CA Ontario Provincial (Canada, 6/2019) [Zirconium and compounds]</b> STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr). TWA 8 hours: 5 mg/m<sup>3</sup> (as Zr). <b>CA Quebec Provincial (Canada, 2/2024) [Zirconium and compounds]</b> TWA<sub>EV</sub> 8 hours: 5 mg/m<sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr). <b>CA Alberta Provincial (Canada, 3/2023) [Zirconium and compounds]</b> OEL 8 hours: 5 mg/m<sup>3</sup> (as Zr). OEL 15 minutes: 10 mg/m<sup>3</sup> (as Zr).</p>
Lt. Aliphatic Hydrocarbon Solvent	64742-89-8	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Hexane]</b> STEL 15 minutes: 1000 ppm. TWA 8 hours: 500 ppm. <b>CA British Columbia Provincial (Canada, 9/2024) [hexane, all isomers except n-hexane]</b> TWA 8 hours: 200 ppm. <b>CA British Columbia Provincial (Canada, 9/2024) [hexane]</b> Absorbed through skin. Notes: No British Columbia exposure limit at this time <b>CA Ontario Provincial (Canada, 6/2019) [Hexane isomers, other than n-hexane]</b> TWA 8 hours: 500 ppm. STEL 15 minutes: 1000 ppm. <b>CA Quebec Provincial (Canada, 2/2024) [Hexane]</b> TWA<sub>EV</sub> 8 hours: 500 ppm. TWA<sub>EV</sub> 8 hours: 1760 mg/m<sup>3</sup>. STEL 15 minutes: 1000 ppm. STEL 15 minutes: 3500 mg/m<sup>3</sup>. <b>CA Alberta Provincial (Canada, 3/2023) [Dimethylbutane]</b> OEL 8 hours: 1760 mg/m<sup>3</sup>. OEL 15 minutes: 1000 ppm. OEL 15 minutes: 3500 mg/m<sup>3</sup>.</p>



## Section 8. Exposure controls/personal protection

Methyl Ethyl Ketoxime	96-29-7	<p>OEL 8 hours: 500 ppm.  <b>CA Alberta Provincial (Canada, 3/2023) [Hexane]</b>  OEL 8 hours: 1760 mg/m<sup>3</sup>.  OEL 8 hours: 500 ppm.  OEL 15 minutes: 3500 mg/m<sup>3</sup>.  OEL 15 minutes: 1000 ppm.  <b>OARS WEEL (United States, 9/2024)</b> Skin sensitizer.  TWA 8 hours: 10 ppm.</p>
Xylene	1330-20-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Xylene]</b>  STEL 15 minutes: 150 ppm.  TWA 8 hours: 100 ppm.  <b>CA British Columbia Provincial (Canada, 9/2024) [xylene (o, m &amp; p isomers)]</b>  TWA 8 hours: 100 ppm.  STEL 15 minutes: 150 ppm.  <b>CA Ontario Provincial (Canada, 6/2019) [Xylene (o-, m-, p-isomers)]</b>  STEL 15 minutes: 150 ppm.  TWA 8 hours: 100 ppm.  <b>CA Quebec Provincial (Canada, 2/2024) [Xylene]</b>  TWAEV 8 hours: 100 ppm.  TWAEV 8 hours: 434 mg/m<sup>3</sup>.  STEV 15 minutes: 150 ppm.  STEV 15 minutes: 651 mg/m<sup>3</sup>.  <b>CA Alberta Provincial (Canada, 3/2023) [Dimethylbenzene]</b>  OEL 8 hours: 100 ppm.  OEL 15 minutes: 651 mg/m<sup>3</sup>.  OEL 15 minutes: 150 ppm.  OEL 8 hours: 434 mg/m<sup>3</sup>.</p>
Cobalt 2-Ethylhexanoate	136-52-7	<p><b>CA Saskatchewan Provincial (Canada, 4/2021) [Cobalt and inorganic compounds]</b>  STEL 15 minutes: 0.06 mg/m<sup>3</sup> (measured as Co).  TWA 8 hours: 0.02 mg/m<sup>3</sup> (measured as Co).  <b>CA British Columbia Provincial (Canada, 9/2024) [cobalt and inorganic compounds]</b>  Carc 2B. Skin sensitizer.  TWA 8 hours: 0.02 mg/m<sup>3</sup> (as Co). Form: Inhalable.  <b>CA Ontario Provincial (Canada, 6/2019) [Cobalt and inorganic compounds]</b>  TWA 8 hours: 0.02 mg/m<sup>3</sup> (as Co).  <b>CA Quebec Provincial (Canada, 2/2024) [Cobalt elemental, and inorganic compounds] C3.</b> Skin sensitizer , Inhalation sensitizer.  TWAEV 8 hours: 0.02 mg/m<sup>3</sup> (as Co). Form: inhalable aerosol fraction.</p>

### Occupational exposure limits (Mexico)

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Ingredient name	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Kerosene]</b> A3. Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Light Aliphatic Hydrocarbon	64742-47-8	<b>ACGIH TLV (United States, 1/2024)</b> <b>[Kerosene]</b> A3. Absorbed through skin. TWA 8 hours: 200 mg/m <sup>3</sup> (as total hydrocarbon vapor).
Zirconium 2-Ethylhexanoate	22464-99-9	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Circonio y compuestos]</b> A4. TWA 8 hours: 5 mg/m <sup>3</sup> (as Zr). STEL 15 minutes: 10 mg/m <sup>3</sup> (as Zr).
Cobalt 2-Ethylhexanoate	136-52-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Cobalto y compuestos inorgánicos]</b> A3. TWA 8 hours: 0.02 mg/m <sup>3</sup> (as Co).

### Biological exposure indices (United States)

Ingredient name	Exposure indices
Xylene, mixed isomers	<b>ACGIH BEI (United States, 1/2024) [xylenes (technical or commercial grades)]</b> BEI: 0.3 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift.
Cobalt 2-Ethylhexanoate	<b>ACGIH BEI (United States, 1/2024) [cobalt and inorganic compounds including cobalt oxides]</b> BEI: 15 µg/l, not combined with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek. BEI: Nonquantitative: Biological monitoring should be considered for this compound based on the review; however, a specific BEI® could not be determined due to insufficient data., cobalt with tungsten carbide - cobalt [in urine]. Sampling time: end of shift at end of workweek.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

Ingredient name	Exposure indices
Cobalt 2-Ethylhexanoate	<b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [cobalto]</b> BEI: 1 µg/l [Basal level. The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the valu; semi-quantitative. The biological

## Section 8. Exposure controls/personal protection

determinant is an indicator of chemical exposure, but the quantitative interpretation of the measure is ambiguous. These biological determinants should be used as a screening test if a quantitative test is not possible.], cobalt [in blood]. Sampling time: at the end of the shift at the end of the work week.

BEI: 15 µg/l [Basal level. The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the val], cobalt [in urine]. Sampling time: at the end of the shift at the end of the work week.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

**Physical state** : Liquid.  
**Color** : Black.  
**Odor** : Not available.  
**Odor threshold** : Not available.  
**pH** : Not applicable.  
**Melting point/freezing point** : Not available.  
**Boiling point or initial boiling point and boiling range** : 148°C (298.4°F)  
**Flash point** : Closed cup: 41°C (105.8°F) [Pensky-Martens Closed Cup]  
**Evaporation rate** : 0.13 (butyl acetate = 1)  
**Flammability** : Flammable liquid.  
**Lower and upper explosion limit/flammability limit** : Lower: 0.7%  
Upper: 7%  
**Vapor pressure** : 0.25 kPa (1.9 mm Hg)  
**Relative vapor density** : 5 [Air = 1]  
**Relative density** : 0.93  
**Density** : 0.92 g/cm<sup>3</sup>  
**Solubility(ies)** :

Media	Result
cold water	Not soluble

**Partition coefficient: n-octanol/water** : Not applicable.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): <20.5 mm<sup>2</sup>/s (<20.5 cSt)  
**Molecular weight** : Not applicable.  
**Particle characteristics**  
**Median particle size** : Not applicable.  
**Heat of combustion** : 19.145 kJ/g

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

##### **Result**

Carbon Black

**Rat - Oral - LD50**

>15400 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity)

Zirconium 2-Ethylhexanoate

**Rabbit - Dermal - LD50**

>5 g/kg

**Rat - Oral - LD50**

>5 g/kg

Toxic effects: Behavioral - Somnolence (general depressed activity)

Hydrotreated Heavy Petroleum Naphtha

**Rat - Oral - LD50**

>6 g/kg

**Rat - Inhalation - LC50 Vapor**

8500 mg/m<sup>3</sup> [4 hours]

Toxic effects: Lung, Thorax, or Respiration - Other changes

Methyl Ethyl Ketoxime

**Rat - Oral - LD50**

930 mg/kg

**Rat - Oral - LD50**

4300 mg/kg

Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder - Other changes

Xylene, mixed isomers

**Rat - Inhalation - LC50 Gas.**

6700 ppm [4 hours]

Toxic effects: Behavioral - Somnolence (general depressed activity)

Cobalt 2-Ethylhexanoate

**Rabbit - Dermal - LD50**

>5 g/kg

Toxic effects: Skin After topical exposure - Primary irritation

**Rat - Oral - LD50**

1.22 g/kg

Toxic effects: Behavioral - Ataxia Behavioral - Coma

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

#### **Product/ingredient name**

Xylene, mixed isomers

#### **Result**

##### **Rat - Skin - Mild irritant**

Duration of treatment/exposure: 8 hours

Amount/concentration applied: 60 uL

##### **Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

##### **Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### **Product/ingredient name**

Methyl Ethyl Ketoxime

Xylene, mixed isomers

#### **Result**

##### **Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 100 uL

##### **Rabbit - Eyes - Mild irritant**

Amount/concentration applied: 87 mg

##### **Rabbit - Eyes - Severe irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 5 mg

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity



## Section 11. Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Amorphous Precipitated Silica	-	3	-
Carbon Black	-	2B	-
Xylene, mixed isomers	-	3	-
Cobalt 2-Ethylhexanoate	-	2B	Reasonably anticipated to be a human carcinogen.

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

#### **Result**

Light Aliphatic Hydrocarbon

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Light Aliphatic Hydrocarbon

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Lt. Aliphatic Hydrocarbon Solvent

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Methyl Ethyl Ketoxime

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (upper respiratory tract) - Category 1

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Xylene, mixed isomers

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

#### **Result**

Med. Aliphatic Hydrocarbon Solvent

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

Methyl Ethyl Ketoxime

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (blood system) - Category 2

Xylene, mixed isomers

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

### Aspiration hazard

#### **Product/ingredient name**

#### **Result**

Light Aliphatic Hydrocarbon

ASPIRATION HAZARD - Category 1

Light Aliphatic Hydrocarbon

ASPIRATION HAZARD - Category 1

Lt. Aliphatic Hydrocarbon Solvent

ASPIRATION HAZARD - Category 1

Med. Aliphatic Hydrocarbon Solvent

ASPIRATION HAZARD - Category 1

Hydrotreated Heavy Petroleum Naphtha

ASPIRATION HAZARD - Category 1

Xylene, mixed isomers

ASPIRATION HAZARD - Category 1

## Section 11. Toxicological information

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### **Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

**General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## Section 11. Toxicological information

<b>Carcinogenicity</b>	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: May damage fertility or the unborn child.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Methyl Ethyl Ketoxime	100	1100	N/A	N/A	N/A
Xylene, mixed isomers	4300	2500	N/A	N/A	N/A
Cobalt 2-Ethylhexanoate	1220	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

Light Aliphatic Hydrocarbon

#### Acute - LC50 - Fresh water

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

Light Aliphatic Hydrocarbon

#### Acute - LC50 - Fresh water

Fish - Bluegill - *Lepomis macrochirus*

Size: 35 to 75 mm

2200 µg/l [4 days]

Effect: Mortality

Lt. Aliphatic Hydrocarbon Solvent

#### Acute - LC50 - Fresh water

US EPA

Fish - Rainbow trout, donaldson trout - *Oncorhynchus mykiss*

Weight: 0.32 g

>10 pph [96 hours]

Effect: Mortality

Methyl Ethyl Ketoxime

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 30 days; Size: 21.2 mm; Weight: 0.148 g

843 mg/l [96 hours]

Effect: Mortality

Xylene, mixed isomers

#### Acute - LC50 - Marine water

Crustaceans - Daggerblade grass shrimp - *Palaemon pugio*

8500 µg/l [48 hours]

Effect: Mortality

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*

Age: 31 days; Size: 18.4 mm; Weight: 0.077 g

13.4 mg/l [96 hours]

Effect: Mortality

**Conclusion/Summary [Product]** : Not available.

## Section 12. Ecological information

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Xylene, mixed isomers	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Zirconium 2-Ethylhexanoate	-	2.96	Low
Lt. Aliphatic Hydrocarbon	-	10 to 2500	High
Solvent	-	10 to 2500	High
Hydrotreated Heavy	-	10 to 2500	High
Petroleum Naphtha	-	2.5 to 5.8	Low
Methyl Ethyl Ketoxime	-	8.1 to 25.9	Low
Xylene, mixed isomers	-	15600	High
Cobalt 2-Ethylhexanoate	-		

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.







## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT. Marine pollutant (Light Aliphatic Hydrocarbon)

## Section 14. Transport information

Transport hazard class(es)	3 	3 	3 	3 	3  
Packing group	III	III	III	III	III
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials. <b>ERG No.</b> 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3). <b>ERG No.</b> 128	- <b>ERG No.</b> 128	The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. <b>Emergency schedules</b> F-E, S-E

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

**U.S. Federal regulations :**

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

### Montreal Protocol

## Section 15. Regulatory information

Not listed.

### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

#### International lists

: **Australia inventory (AIIIC)**: Not determined.  
**China inventory (IECSC)**: Not determined.  
**Japan inventory (CSCL)**: Not determined.  
**Japan inventory (ISHL)**: Not determined.  
**Korea inventory (KECI)**: Not determined.  
**New Zealand Inventory of Chemicals (NZIoC)**: Not determined.  
**Philippines inventory (PICCS)**: Not determined.  
**Taiwan Chemical Substances Inventory (TCSI)**: Not determined.  
**Thailand inventory**: Not determined.  
**Turkey inventory**: Not determined.  
**Vietnam inventory**: Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	3
Flammability		2
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### [Procedure used to derive the classification](#)

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 2	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
ASPIRATION HAZARD - Category 1	Calculation method

### [History](#)

**Date of printing** : 8/20/2025  
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**Version** : 27



## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973  
as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.