

## 1. Identification

**Product identifier** HP CONCRETE COLD PATCH  
**Other means of identification** None.  
**Recommended use** Pavement Patching and Repair  
**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company name** CrafcO, Inc.  
**Address** 6165 West Detroit St.  
 Chandler, AZ 85226  
 United States  
**Telephone** Business Telephone +1.602.276.0406  
**Website** www.crafco.com  
**E-mail** sales@crafco.com  
**Contact person** CrafcO Materials Engineering  
**Emergency phone number** International CHEMTREC 1.703.527.3887

## 2. Hazard identification

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

\*Hazards not stated here are "Not classified", "Not applicable" or "Classification not possible".

### Label elements

**Hazard symbol** None.  
**Signal word** Not applicable.  
**Hazard statement** Not applicable.  
**Precautionary statement**  
**Prevention** Not applicable.  
**Response** Not applicable.  
**Storage** Not applicable.  
**Disposal** Not applicable.  
**Supplemental information** None.  
**Other hazards** None known.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Granite		219714-96-2	80 - 89
Ground Limestone		471-34-1	0 - 10
Distillates (petroleum), hydrotreated heavy naphthenic		64742-52-5	0 - 5
Distillates (petroleum), hydrotreated light		64742-47-8	0 - 3
Titanium dioxide		13463-67-7	0 - 0.5
Carbon black		1333-86-4	0 - 0.3

## 4. First-aid measures

<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention, if needed.
<b>Skin contact</b>	Immediately flush skin with plenty of water. Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash clothing separately before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Indication of immediate medical attention and special treatment needed</b>	Symptoms may be delayed. Treat symptomatically.
<b>General information</b>	Use personal protective equipment appropriate for handling. Get medical attention if symptoms occur. Wash contaminated clothing before re-use.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire. Straight Streams of Water
<b>Specific hazards arising from the chemical</b>	Fire may produce irritating, corrosive and/or toxic gases.
<b>Special protective equipment and precautions for firefighters</b>	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Structural firefighters protective clothing will only provide limited protection.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray. Water runoff can cause environmental damage.
<b>Specific methods</b>	In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear appropriate protective equipment and clothing during clean-up. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapor, fumes, dust and/or mist from the spilled material. Avoid skin contact and inhalation of vapors during disposal of spills.
<b>Methods and materials for containment and cleaning up</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Following product recovery, flush area with water. Prevent product from entering drains.
<b>Environmental precautions</b>	No special environmental precautions required.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Keep formation of airborne dusts to a minimum. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid contact with eyes. Use personal protective equipment as required. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat and sources of ignition. Store in a well-ventilated place. Keep container tightly closed.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	2.5 mg/m <sup>3</sup>	Respirable finescale particles
		0.2 mg/m <sup>3</sup>	Respirable nanoscale particles

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

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3.5 mg/m <sup>3</sup>	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	200 mg/m <sup>3</sup>	Vapor.
Ground Limestone (CAS 471-34-1)	TWA	10 mg/m <sup>3</sup>	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m <sup>3</sup>	

#### Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances Workers Compensation Board, as amended

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	1 mg/m <sup>3</sup>	Mist.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	200 mg/m <sup>3</sup>	Non-aerosol.
Ground Limestone (CAS 471-34-1)	STEL	20 mg/m <sup>3</sup>	Total dust.
Titanium dioxide (CAS 13463-67-7)	TWA	3 mg/m <sup>3</sup>	Respirable fraction.
		10 mg/m <sup>3</sup>	Total dust.

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

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

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

Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	2.5 mg/m <sup>3</sup>	Respirable finescale particles
		0.2 mg/m <sup>3</sup>	Respirable nanoscale particles

**Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)**

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m <sup>3</sup>	

**Canada. Ontario OELs (Regulation 833, Control of Exposure to Biological or Chemical Agents), as amended**

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m <sup>3</sup>	

**Canada. Quebec OELs (Regulation respecting occupational health and safety, v. S-2.1, r.13), as amended**

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable dust.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m <sup>3</sup>	Inhalable dusts and mists.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	200 mg/m <sup>3</sup>	
Ground Limestone (CAS 471-34-1)	TWA	10 mg/m <sup>3</sup>	Total dust.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m <sup>3</sup>	Total dust.

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996; Table 21), as amended**

Components	Type	Value	Form
Carbon black (CAS 1333-86-4)	15 minute	7 mg/m <sup>3</sup>	
	8 hour	3.5 mg/m <sup>3</sup>	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	15 minute	10 mg/m <sup>3</sup>	
	8 hour	5 mg/m <sup>3</sup>	
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	15 minute	250 mg/m <sup>3</sup>	Vapor.

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996; Table 21), as amended**

Components	Type	Value	Form
Ground Limestone (CAS 471-34-1)	8 hour	200 mg/m3	Vapor.
	15 minute	20 mg/m3	
Titanium dioxide (CAS 13463-67-7)	8 hour	10 mg/m3	
	15 minute	20 mg/m3	
	8 hour	10 mg/m3	

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

**Canada - Alberta OELs: Skin designation**

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)

Can be absorbed through the skin.

**Canada - British Columbia OELs: Skin designation**

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)

Can be absorbed through the skin.

**Canada - Quebec OELs: Skin designation**

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)

Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Can be absorbed through the skin.**

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)

Can be absorbed through the skin.

**Appropriate engineering controls**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin protection****Hand protection**

Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

**Other**

Wear chemical protective equipment that is specifically recommended by the manufacturer. Apron and long sleeves are recommended.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Thermal hazards**

Not available.

**General hygiene considerations**

When using do not smoke. Do not breathe dust. Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. Wash hands before breaks and immediately after handling the product. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties****Physical state**

Solid.

**Form**

Solid.

**Color**

Grey.

**Odor**

Hydrocarbon-like.

**Melting point/freezing point**

Not available.

**Boiling point or initial boiling point and boiling range**

Unknown

**Flammability**

Not available.

**Upper/lower flammability or explosive limits****Explosive limit - lower (%)**

0.7 % estimated

**Explosive limit - upper (%)**

5 % estimated

<b>Flash point</b>	>200.0 °F (>93.3 °C) Cleveland Open Cup
<b>Auto-ignition temperature</b>	Unknown
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not available.
<b>Kinematic viscosity</b>	Not available.
<b>Solubility</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water) (log value)</b>	Not available.
<b>Vapor pressure</b>	0.15 hPa estimated
<b>Density and/or relative density</b>	
<b>Density</b>	> 16.00 - < 17.00 lb/gal
<b>Vapor density</b>	Not available.
<b>Particle characteristics</b>	Not available.
<b>Other information</b>	
<b>Percent volatile</b>	<2 %
<b>Specific gravity</b>	2

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable under normal temperature conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Not known.
<b>Incompatible materials</b>	Oxidizing materials.
<b>Hazardous decomposition products</b>	Irritants. Upon decomposition, product emits acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of nitrogen and sulfur, and water.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Inhalation of vapors/fumes generated by heating this product may cause respiratory irritation with throat discomfort, coughing or difficulty breathing.
<b>Skin contact</b>	Causes mild skin irritation.
<b>Eye contact</b>	Irritating to eyes.
<b>Ingestion</b>	May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Not available.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
Carbon black (CAS 1333-86-4)		
<u>Acute</u>		
<b>Oral</b>		
LD50	Rat	> 8000 mg/kg
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours

Components	Species	Test Results
<b>Inhalation</b>		
<i>Aerosol</i>		
LC50	Rat	> 5.53 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5.28 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
Ground Limestone (CAS 471-34-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
<b>Inhalation</b>		
<i>Dust and mist.</i>		
LC50	Rat	> 3 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 2000 mg/kg
Titanium dioxide (CAS 13463-67-7)		
<b>Acute</b>		
<b>Inhalation</b>		
<i>Dust and mist.</i>		
LC50	Rat	> 6.82 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
* Estimates for product may be based on additional component data not shown.		
<b>Skin corrosion/irritation</b>	Not classified.	
<b>Serious eye damage/eye irritation</b>	Moderately irritating to the eyes. Not classified.	
<b>Respiratory or skin sensitization</b>		
<b>Canada - Alberta OELs: Irritant</b>		
Carbon black (CAS 1333-86-4)	Irritant	
Ground Limestone (CAS 471-34-1)	Irritant	
Titanium dioxide (CAS 13463-67-7)	Irritant	
<b>Respiratory sensitization</b>	Not classified.	
<b>Skin sensitization</b>	Not classified.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	This product contains components that may cause cancer, however, after formation this product is encapsulated and the normal routes of exposure are unavailable.	
Titanium dioxide	Inhalation (dust/mist/fume), OECD Test Guideline 453 Result: Positive Species: Rat Test Duration: 2 years	

## ACGIH Carcinogens

Carbon black (CAS 1333-86-4)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	A4 Not classifiable as a human carcinogen.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	A4 Not classifiable as a human carcinogen.
Titanium dioxide (CAS 13463-67-7)	A3 Confirmed animal carcinogen with unknown relevance to humans.

## Canada - Manitoba OELs: carcinogenicity

Carbon black (CAS 1333-86-4)	Confirmed animal carcinogen with unknown relevance to humans.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	Not classifiable as a human carcinogen.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	Not classifiable as a human carcinogen.
Titanium dioxide (CAS 13463-67-7)	Confirmed animal carcinogen with unknown relevance to humans.

## Canada - New Brunswick OELs: Carcinogen category

Carbon black (CAS 1333-86-4)	A3: Confirmed animal carcinogen
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	A4: Not classifiable as a human carcinogen
Titanium dioxide (CAS 13463-67-7)	A4: Not classifiable as a human carcinogen

## Canada - Quebec OELs: Carcinogen category

Carbon black (CAS 1333-86-4)	Detected carcinogenic effect in animals.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	Detected carcinogenic effect in animals.

## IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS 1333-86-4)	2B Possibly carcinogenic to humans.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	3 Not classifiable as to carcinogenicity to humans.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

## US. National Toxicology Program (NTP) Report on Carcinogens

Carbon black (CAS 1333-86-4)	Known To Be Human Carcinogen.
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**Reproductive toxicity** Not classified.

**Specific target organ toxicity - single exposure** Not available.

**Specific target organ toxicity - repeated exposure**

Titanium dioxide	10 mg/m <sup>3</sup> NOAEL (Inhalation) Species: Rat Test Duration: 2 years
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**Aspiration hazard** Not available.

## 12. Ecological information

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

Product	Species	Test Results
HP CONCRETE COLD PATCH		
<b>Aquatic</b>		
Fish	LC50	Fish
		193.2066 mg/l, 96 hours

Components	Species	Test Results	
Titanium dioxide (CAS 13463-67-7)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 Hours
Fish	LC50	Oncorhynchus mykiss	> 100 mg/l, 96 Hours
Other	EC50	Diatom (Skeletonema costatum)	> 10000 mg/l, 72 Hours

\* Estimates for product may be based on additional component data not shown.

<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Other adverse effects</b>	Not available.

### 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations. When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261.
<b>Waste from residues / unused products</b>	Not available.
<b>Contaminated packaging</b>	Offer rinsed packaging material to local recycling facilities.

### 14. Transport information

#### TDG

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

### 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. This SDS complies with the Canadian Hazardous Products Regulations (SOR/2015-17), last amended December 15, 2022.

#### Canada Controlled Drugs and Substances Act, Schedule I

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule II

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule III

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule IV

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule V

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule VI

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule VII

Not regulated.

#### Canada Controlled Drugs and Substances Act, Schedule VIII

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**International regulations**

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

**Stockholm Convention**

Not listed.

**Rotterdam Convention**

Not listed.

**Kyoto Protocol**

Not listed.

**Montreal Protocol**

Not listed.

**Basel Convention**

Not listed.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information**

<b>Issue date</b>	01-16-2019
<b>Revision date</b>	01-13-2026
<b>Version #</b>	04
<b>Further information</b>	HMIS® is a registered trade and service mark of the NPCA.

<b>References</b>	ACGIH EPA: AQUIRE database NLM: Hazardous Substances Data Base US. IARC Monographs on Occupational Exposures to Chemical Agents IARC Monographs. Overall Evaluation of Carcinogenicity National Toxicology Program (NTP) Report on Carcinogens ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
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**Disclaimer**

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