

## SAFETY DATA SHEET

## 1. Identification

Product identifier	Brakleen® Non-Chlorinated Brake Parts Cleaner
Other means of identification	
Product code	05050
Recommended use	Brake parts cleaner
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/I	Distributor information
Manufactured or sold by:	
Company name	CRC Industries, Inc.
Address	885 Louis Dr.
	Warminster, PA 18974 US
Telephone	
General Information	215-674-4300
Technical	800-521-3168
Assistance	
Customer Service	800-272-4620
24-Hour Emergency	800-424-9300 (US)
(CHEMTREC)	703-527-3887 (International)
Website	www.crcindustries.com

#### 2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Compressed gas
Health hazards	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	
Label elements		

Signal word Danger Hazard statement Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes serious eve irritation. May cause drowsiness or dizziness. Toxic to aquatic life. Harmful to aquatic life with long lasting effects. **Precautionary statement** Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not apply while equipment is energized. Pressurized container: Do not pierce or burn, even after use. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist or vapor. Avoid breathing gas. Wear eye/face protection. Wash hands thoroughly after handling. Avoid release to the environment. Response 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. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to Storage temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

#### Disposal

# Hazard(s) not otherwise classified (HNOC)

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

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

#### Supplemental information

8.49% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 8.49% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

#### 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	80 - 90
Carbon dioxide		124-38-9	5 - 10
3-Methylhexane		589-34-4	1 - 3
Methylcyclohexane		108-87-2	1 - 3
n-Heptane		142-82-5	1 - 3
Cyclohexane		110-82-7	< 1

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.
Most important symptoms/effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause drowsiness or dizziness.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water spray. Water fog. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

General fire hazards Extremely flammable aerosol.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Remove all possible sources of ignition in the surrounding area. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Avoid breathing gas. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. 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. Stop the flow of material, if this is without risk. Collect spillage. Dike far ahead of spill for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.
7. Handling and storage	
Precautions for safe handling	Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid breathing mist or vapor. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains. For product usage instructions, please see the product label.
Conditions for safe storage, including any incompatibilities	Level 3 Aerosol.
	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

## 8. Exposure controls/personal protection

#### **Occupational exposure limits**

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

Components	Туре	Value	
Acetone (CAS 67-64-1)	PEL	2400 mg/m3	
		1000 ppm	
Carbon dioxide (CAS 124-38-9)	PEL	9000 mg/m3	
		5000 ppm	
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m3	
,		300 ppm	
Methylcyclohexane (CAS 108-87-2)	PEL	2000 mg/m3	
,		500 ppm	
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m3	
		500 ppm	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	
3-Methylhexane (CAS 589-34-4)	STEL	500 ppm	
	T) A / A	400 ppm	
	TWA	400 ppm	
Acetone (CAS 67-64-1)	STEL	750 ppm	
Acetone (CAS 67-64-1)		••	
Acetone (CAS 67-64-1) Carbon dioxide (CAS 124-38-9)	STEL	750 ppm	
Carbon dioxide (CAS	STEL TWA	750 ppm 500 ppm	
Carbon dioxide (CAS	STEL TWA STEL	750 ppm 500 ppm 30000 ppm	
Carbon dioxide (CAS 124-38-9) Cyclohexane (CAS 110-82-7) Methylcyclohexane (CAS	STEL TWA STEL TWA	750 ppm 500 ppm 30000 ppm 5000 ppm	
Carbon dioxide (CAS 124-38-9) Cyclohexane (CAS 110-82-7)	STEL TWA STEL TWA TWA	750 ppm 500 ppm 30000 ppm 5000 ppm 100 ppm	

Material name: Brakleen® Non-Chlorinated Brake Parts Cleaner 1809 Version #: 01 Issue date: 03-04-2014

## US, ACGIH Threshold Limit Values

Components	Туре	Value	
	TWA	400 ppm	
US. NIOSH: Pocket Guide to Chen	nical Hazards		
Components	Туре	Value	
Acetone (CAS 67-64-1)	TWA	590 mg/m3	
		250 ppm	
Carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3	
/		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	
Cyclohexane (CAS 110-82-7)	TWA	1050 mg/m3	
,		300 ppm	
Methylcyclohexane (CAS 108-87-2)	TWA	1600 mg/m3	
		400 ppm	
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3	
		440 ppm	
	TWA	350 mg/m3	
		85 ppm	

#### **Biological limit values**

ACGIH Biological E	Exposure Indices
Components	Valuo

Components	Value	Determinant	Specimen	Sampling Time	
Acetone (CAS 67-6	64-1) 50 mg/l	Acetone	Urine	*	

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

Appropriate engineering 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, controls 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. Provide eyewash station.

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

Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection		
Hand protection	Wear protective gloves such as: Nitrile. Polyvinyl alcohol (PVA). Viton®.	
Other	Wear appropriate chemical resistant clothing.	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Air monitoring is needed to determine actual employee exposure levels.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	When using, do not eat, drink or 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.	

#### 9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Aerosol.
Color	Clear. Colorless.
Odor	Solvent.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-195.9 °F (-126.6 °C) estimated
Initial boiling point and boiling	132.9 °F (56.1 °C) estimated
range	
Flash point	< 0 °F (< -17.8 °C) Tag Closed Cup
Evaporation rate	Fast.
Flammability (solid, gas)	Not available.

#### Upper/lower flammability or explosive limits

oppointenen nammability of exp	
Flammability limit - lower (%)	1.1 % estimated
Flammability limit - upper (%)	12.8 % estimated
Vapor pressure	5061 hPa estimated
Vapor density	> 2 (air = 1)
Relative density	0.84 estimated
Solubility (water)	Slightly soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	539.6 °F (282 °C) estimated
Decomposition temperature	Not available.
Viscosity (kinematic)	Not available.
Percent volatile	91.5 % estimated

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Acids. Alkalies. Aluminum. Halogens. Peroxides. Oxygen. Amines. Ammonia.
Hazardous decomposition products	Carbon oxides.

## 11. Toxicological information

Information on likely routes of e	mation on likely routes of exposure	
Ingestion	May be fatal if swallowed and enters airways.	
Inhalation	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Prolonged inhalation may be harmful.	
Skin contact	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.	
Eye contact	Causes serious eye irritation.	
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.	

#### Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways. Narcotic effects.

Product Species		Test Results			
Brakleen® Non-Chlorinated Brake Parts Cleaner					
Acute					
Dermal					
LD50	Rabbit	11501.0918 mg/kg estimated			
Inhalation					
LC50	Rat	38853.0078 ppm, 4 hours estimated			
		80.89 mg/l, 4 Hours estimated			
Oral					
LD50	Rat	6231.645 mg/kg estimated			
TDL0	Human	3.5211 g/kg estimated			
Chronic					
Inhalation					
NOEL	Rat	23068.9746 ppm, 8 weeks estimated			
Oral					
NOEL	Rat	121.4157 mg/kg, 90 days estimated			

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

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation. Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Narcotic effects.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

Ecotoxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Product		Species	Test Results
Brakleen® Non-Chlor	inated Brake Parts	Cleaner	
Acute			
Fish	LC50	Fish	74.7831 mg/l, 96 hours estimated
Components		Species	Test Results
Acetone (CAS 67-64-	1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Cyclohexane (CAS 11	10-82-7)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	23.03 - 42.07 mg/l, 96 hours
Methylcyclohexane (C	CAS 108-87-2)		
Aquatic			
Fish	LC50	Striped bass (Morone saxatilis)	5.8 mg/l, 96 hours
n-Heptane (CAS 142-	82-5)		
Aquatic			
Acute			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.1 - 2.98 mg/l, 96 hours

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

Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available.	
Partition coefficient n-octar	nol / water (log Kow)	
Acetone	-0.24	
Cyclohexane	3.44	
Methylcyclohexane	3.61	
n-Heptane	4.66	
Mobility in soil	No data available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

Disposal of waste from residues / unused products	This material and its container must be disposed of as hazardous waste. Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 F F003: Waste Non-halogenated Solvent - Spent Non-halogenated Solvent

Material name: Brakleen® Non-Chlorinated Brake Parts Cleaner

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

DO	г	
	UN number	UN1950
	UN proper shipping name	Aerosols, flammable, Limited Quantity
	Transport hazard class(es)	
	Class	2.1
	Subsidiary risk	-
	Label(s)	2.1
	Packing group	Not applicable.
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
	Special provisions	N82
	Packaging exceptions	306
	Packaging non bulk	304
	Packaging bulk	None
IAT	Α	
	UN number	UN1950
	UN proper shipping name	Aerosols, flammable, Limited Quantity
	Transport hazard class(es)	
	Class	2.1
	Subsidiary risk	-
	Packing group	Not applicable.
	Environmental hazards	No.
	ERG Code	10L
		Read safety instructions, SDS and emergency procedures before handling.
	Other information	
	Passenger and cargo	Allowed.
	aircraft	
	Cargo aircraft only	Allowed.
IMC	-	
	UN number	
	UN proper shipping name	AEROSOLS, LIMITED QUANTITY, MARINE POLLUTANT
	Transport hazard class(es)	
	Class	2
	Subsidiary risk	-
	Packing group	Not applicable.
	Environmental hazards	
	Marine pollutant	Yes
	EmS	F-D, S-U
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

## 15. Regulatory information

S federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Expe	ort Notification (40 CFR 707, Subpt. D)
Not regulated.	
SARA 304 Emergency re	lease notification
Not regulated.	
US. OSHA Specifically R	egulated Substances (29 CFR 1910.1001-1050)
Not listed.	
US EPCRA (SARA Title I	II) Section 313 - Toxic Chemical: Listed substance
Not listed.	
CERCLA Hazardous Sub	ostance List (40 CFR 302.4)
Acetone (CAS 67-64-	1)
CERCLA Hazardous Sub	stances: Reportable quantity
Acetone (CAS 67-64-	1) 5000 lbs
•	Ilting in the loss of any ingredient at or above its RQ require immediate notification to the National 0-424-8802) and to your Local Emergency Planning Committee.
Clean Air Act (CAA) Sect	tion 112 Hazardous Air Pollutants (HAPs) List
Not regulated.	

• •	n 112(r) Accidental Release P	revention (40 CFR 68.130)	
Not regulated. Safe Drinking Water Act (SDWA)	Not regulated.		
· · ·	stration (DEA). List 2, Essentia	al Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical	
Acetone (CAS 67-64-1)		6532	
Drug Enforcement Adminis	stration (DEA). List 1 & 2 Exem	npt Chemical Mixtures (21 CFR 1310.12(c))	
Acetone (CAS 67-64-1)		35 % weight/volumn	
DEA Exempt Chemical Mix	tures Code Number		
Acetone (CAS 67-64-1)		6532	
Food and Drug Administration (FDA)	Not regulated.		
Superfund Amendments ar Section 311/312 Hazard categories	nd Reauthorization Act of 1980 Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No	6 (SARA)	
SARA 302 Extremely	No		
hazardous substance			
US state regulations			
US. New Jersey RTK - Sub			
Acetone (CAS 67-64-1) Carbon dioxide (CAS 12 Cyclohexane (CAS 110-	Carbon dioxide (CAS 124-38-9) Cyclohexane (CAS 110-82-7) Methylcyclohexane (CAS 108-87-2)		
US. Massachusetts RTK - S	US. Massachusetts RTK - Substance List		
Acetone (CAS 67-64-1) Carbon dioxide (CAS 12 Methylcyclohexane (CAS n-Heptane (CAS 142-82	3-Methylhexane (CAS 589-34-4) Acetone (CAS 67-64-1) Carbon dioxide (CAS 124-38-9) Methylcyclohexane (CAS 108-87-2) n-Heptane (CAS 142-82-5)		
US. Pennsylvania RTK - Ha			
3-Methylhexane (CAS 5 Acetone (CAS 67-64-1) Carbon dioxide (CAS 12 Cyclohexane (CAS 110- Methylcyclohexane (CAS n-Heptane (CAS 142-82 US. Rhode Island RTK	4-38-9) 82-7) S 108-87-2)		
Acetone (CAS 67-64-1) Cyclohexane (CAS 110-	82-7)		
US. California Proposition WARNING: This product reproductive harm.		the State of California to cause cancer and birth defects or other	
US - California Propos	ition 65 - CRT: Listed date/Car	rcinogenic substance	
Benzene (CAS 71-4 Cumene (CAS 98-8 Ethanal (CAS 75-07	13-2) 2-8)	Listed: February 27, 1987 Listed: April 6, 2010 Listed: April 1, 1988	
Benzene (CAS 71-4	3-2)	Listed: December 26, 1997	
Toluene (CAS 108-	-	Listed: January 1, 1991	
Toluene (CAS 108-		Listed: August 7, 2009	
	ition 65 - CRT: Listed date/Ma		
Benzene (CAS 71-4	13-2)	Listed: December 26, 1997	
Volatile organic compounds (V EPA	OC) regulations		
VOC content (40 CER	92%		

Consumer products (40 CFR 59, Subpt. C)	Not regulated	
State		
Consumer products	This product is regulated as a Brake Cleaner. This product is compliant for	r use in all 50 states.
VOC content (CA)	9.2 %	
VOC content (OTC)	9.2 %	
International Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
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)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

Toxic Substances Control Act (TSCA) Inventory United States & Puerto Rico

\*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, including date of preparation or last revision

Issue date	03-04-2014
Prepared by	Allison Cho
Version #	01
Further information	CRC # 920B
HMIS® ratings	Health: 2 Flammability: 4 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 2 Flammability: 4 Instability: 0
Disclaimer	The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries.