CRC

SAFETY DATA SHEET

1. Identification

Product identifier NAPA® Engine Degreaser

Other means of identification

Product code 091433

Recommended use Engine degreaser **Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

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 Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 1
Germ cell mutagenicity Category 2
Carcinogenicity Category 2
Reproductive toxicity Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1
Hazardous to the aquatic environment, acute Category 3

Environmental hazards Hazardous to the aquatic environment, acute

hazard

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 skin irritation. Causes serious eye damage. May cause drowsiness or dizziness. Suspected of causing genetic defects. Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Precautionary statement Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 gas/mist/vapors. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

Response If swallowed: Call a physician/poison center immediately. Do NOT induce vomiting. If on skin:

Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If exposed or concerned: Get medical

attention

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

sunlight. Do not expose or store at temperatures exceeding 50°C/122°F. Exposure to high

temperature may cause can to burst.

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

Hazard(s) not otherwise classified (HNOC)

Harmful to aquatic life.

Supplemental information

4.74% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

3. Composition/information on ingredients

lixtures			
Chemical name	Common name and synonyms	CAS number	%
Distillates (petroleum), Hydrotreated Light		64742-47-8	80 - 90
Diesel Fuel No. 2		68476-34-6	5 - 10
Ethoxylated nonylphenol, branched		68412-54-4	5 - 10
2-Butoxyethanol		111-76-2	1 - 5
Carbon dioxide		124-38-9	1 - 5
Xylene		1330-20-7	1 - 5
Ethylbenzene		100-41-4	< 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. Ca	all a POISON

CENTER or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs:

Get medical advice/attention.

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. Call a physician or poison control center immediately.

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

Ingestion

Irritation of eyes and mucous membranes. May cause temporary blindness and severe eye damage. 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

General information

Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media $Powder.\ Alcohol\ resistant\ foam.\ Water.\ Water\ spray.\ Carbon\ dioxide\ (CO2).$

None known.

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

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. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

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. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Collect spillage. Use water spray to reduce vapors or divert vapor cloud drift. Following product recovery, flush area with water.

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.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid breathing mist or vapor. Avoid breathing gas. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. When using, do not eat, drink or smoke. Avoid release to the environment. Do not empty into drains. 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. Observe good industrial hygiene practices. For product usage instructions, please see the product label.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

US OSUA Table 7.4 Limits for Air Conteminants (20 CED 4040 4000)

Store locked up. Store in a well-ventilated place. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Keep away from heat, sparks and open flame.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Туре	Value	
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3	
		50 ppm	
Carbon dioxide (CAS 124-38-9)	PEL	9000 mg/m3	
,		5000 ppm	
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3	
•		100 ppm	
Xylene (CAS 1330-20-7)	PEL	435 mg/m3	
		100 ppm	
US. ACGIH Threshold Limit Value	s		
Components	Туре	Value	Form
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm	
Carbon dioxide (CAS 124-38-9)	STEL	30000 ppm	
,	TWA	5000 ppm	
Diesel Fuel No. 2 (CAS 68476-34-6)	TWA	100 mg/m3	Inhalable fraction and vapor.
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm	•
Xylene (CAS 1330-20-7)	STEL	150 ppm	
· · · · · · · · · · · · · · · · · · ·	TWA	100 ppm	

US. NIOSH: Pocket Guide to Chemical Haz	zards
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Components	Туре	Value	
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m3	
		5 ppm	
Carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3	
		30000 ppm	
	TWA	9000 mg/m3	
		5000 ppm	
Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)	TWA	100 mg/m3	
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3	
,		125 ppm	
	TWA	435 mg/m3	
		100 ppm	

Biological limit values

ACGIH Biological Expos Components	ure Indices Value	Determinant	Specimen	Sampling Time	
2-Butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*	
Ethylbenzene (CAS 100-41-4)	0.7 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*	
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*	

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

Exposure guidelines

US - California OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

2-Butoxyethanol (CAS 111-76-2) Skin designation applies.

US - Tennesse OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Diesel Fuel No. 2 (CAS 68476-34-6)

Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

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

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear protective gloves.

Other Wear appropriate chemical resistant clothing.

Respiratory protection Wear positive pressure self-contained breathing apparatus (SCBA). 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

Liquid. Physical state Aerosol. **Form** Amber Color Petroleum. Odor Odor threshold Not available. Not available. pН

-103 °F (-75 °C) estimated Melting point/freezing point

Initial boiling point and boiling

250 °F (121.1 °C)

162 °F (72.2 °C) Setaflash Flash point

Evaporation rate Slow.

Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits

Flammability limit - lower

0.7 %

(%)

Flammability limit - upper

(%)

Vapor pressure 1602.8 hPa estimated

Vapor density > 1 (air = 1)

0.83 Relative density

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature

446 °F (230 °C) estimated

Decomposition temperature Not available. **Viscosity (kinematic)** Not available. Percent volatile 97.2 % estimated

10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

Material is stable under normal conditions. **Chemical stability**

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Contact with incompatible materials.

Incompatible materials Strong oxidizing agents. Strong acids. Halogens. Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information 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 Causes skin irritation.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and

prolonged. These effects have not been observed in humans.

Eye contact Causes serious eye damage.

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. Permanent eye

damage including blindness could result. Irritant effects.

Information on toxicological effects

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

Product	Species	Test Results
NAPA® Engine Degreaser		
Acute		
Dermal		
LD50	Rabbit	1914.1104 mg/kg estimated
Inhalation		
LC50	Rat	20107.8105 ppm, 4 hours estimated
		1781.3839 mg/l, 4 hours estimated
Oral		
LD50	Mouse	72016.4609 mg/kg estimated
	Rat	4068.9338 mg/kg estimated
Chronic		
Oral		
LD50	Mouse	159.2182 g/kg estimated

Skin corrosion/irritation

Serious eye damage/eye

irritation

Causes skin irritation.

Causes serious eye damage.

Respiratory sensitization Not available.

This product is not expected to cause skin sensitization. Skin sensitization

Germ cell mutagenicity Suspected of causing genetic defects.

Suspected of causing cancer. Carcinogenicity IARC Monographs. Overall Evaluation of Carcinogenicity

> 2-Butoxyethanol (CAS 111-76-2) Diesel Fuel No. 2 (CAS 68476-34-6) Ethylbenzene (CAS 100-41-4)

3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.

2B Possibly carcinogenic to humans.

Xylene (CAS 1330-20-7)

3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

Possible reproductive hazard. Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging fertility or the unborn

child.

Specific target organ toxicity -

single exposure

Narcotic effects.

Specific target organ toxicity -

repeated exposure **Aspiration hazard**

Not classified.

May be fatal if swallowed and enters airways.

Chronic effects

Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Prolonged exposure may cause chronic effects.

12. Ecological information

toxicity	Harmful to	o aquatic life.		
Product		Species	Test Results	
NAPA® Engine Degre	aser			
Acute				
Crustacea	EC50	Daphnia	23.5039 mg/l, 48 hours estimated	
Fish	LC50	Fish	2.6808 mg/l, 96 hours estimated	
Components		Species	Test Results	
2-Butoxyethanol (CAS	111-76-2)			
Aquatic				
Acute				
Crustacea	EC50	Water flea (Daphnia magna)	1550 mg/l, 48 hours	
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	> 1000 mg/l, 96 hours	

Components **Species Test Results**

Diesel Fuel No. 2 (CAS 68476-34-6)

Aquatic Acute

Fish LC50 Fathead minnow (Pimephales promelas) 35 mg/l, 96 hours

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

Aquatic Acute

LC50 Fish

Bluegill (Lepomis macrochirus) 2.2 mg/l, 96 hours

Ethoxylated nonylphenol, branched (CAS 68412-54-4)

Aquatic Acute

Fish LC50 Bluegill (Lepomis macrochirus) > 10 mg/l, 96 hours

Ethylbenzene (CAS 100-41-4)

Aquatic

Acute

Crustacea EC50 Water flea (Daphnia magna) 2.1 mg/l, 48 hours Fish LC50 Fathead minnow (Pimephales promelas) 12.1 mg/l, 96 hours

Xylene (CAS 1330-20-7)

Aquatic

Fish LC50 Rainbow trout.donaldson trout 9.5 - 19.2 mg/l, 96 hours

(Oncorhynchus mykiss)

No data is available on the degradability of this product. Persistence and degradability

No data available. Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

2-Butoxyethanol 0.81, log Pow Ethylbenzene 3.15 **Xylene** 3.12 - 3.2

Bioconcentration factor (BCF)

Xylene

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

15

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal of waste from residues / unused products The dispensed liquid product is not a RCRA hazardous waste (See 40 CFR Part 261.20 - 261.33). 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 of contents/container in

accordance with local/regional/national/international regulations.

Hazardous waste code Not regulated.

Contaminated packaging Do not re-use empty containers.

14. Transport information

DOT

UN number UN1950

Aerosols, flammable, limited quantity **UN proper shipping name**

Transport hazard class(es)

Class 2.1 Subsidiary risk 2.1 Label(s)

Not applicable. Packing group Special precautions for user Not available.

306 Packaging exceptions Packaging non bulk None Packaging bulk None

UN1950 **UN number**

UN proper shipping name

Transport hazard class(es)

Aerosols, flammable, limited quantity

2.1 Class

Subsidiary risk

Not applicable. **Packing group**

Environmental hazards No. 10L **ERG Code**

Special precautions for user Not available.

Other information

Passenger and cargo

aircraft

Allowed.

Cargo aircraft only

Allowed.

IMDG

UN1950 **UN number**

UN proper shipping name AEROSOLS, LIMITED QUANTITY

Transport hazard class(es)

Class 2 Subsidiary risk

Not applicable. **Packing group**

Environmental hazards

Marine pollutant No.

Not available. Special precautions for user Not available.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

SARA 304 Emergency release notification

Not regulated.

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

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

2-Butoxyethanol (CAS 111-76-2) Ethylbenzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

CERCLA Hazardous Substance List (40 CFR 302.4)

2-Butoxyethanol (CAS 111-76-2) Ethylbenzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

CERCLA Hazardous Substances: Reportable quantity

Ethylbenzene (CAS 100-41-4) 1000 lbs Xylene (CAS 1330-20-7) 100 lbs

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylbenzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Immediate Hazard - Yes

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

Food and Drug Not regulated.

Administration (FDA)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 Delayed Hazard - Yes **Hazard categories** Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely hazardous substance

No

US state regulations

US. New Jersey RTK - Substances: Listed substance

2-Butoxyethanol (CAS 111-76-2) Carbon dioxide (CAS 124-38-9) Ethylbenzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

2-Butoxyethanol (CAS 111-76-2) Carbon dioxide (CAS 124-38-9) Xylene (CAS 1330-20-7)

US. Pennsylvania RTK - Hazardous Substances

2-Butoxyethanol (CAS 111-76-2) Carbon dioxide (CAS 124-38-9) Diesel Fuel No. 2 (CAS 68476-34-6)

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

Ethylbenzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

US. Rhode Island RTK

2-Butoxyethanol (CAS 111-76-2) Ethylbenzene (CAS 100-41-4) Xylene (CAS 1330-20-7)

US. California Proposition 65

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

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

 1,4-Dioxane (CAS 123-91-1)
 Listed: January 1, 1988

 Ethylbenzene (CAS 100-41-4)
 Listed: June 11, 2004

 Ethylene oxide (CAS 75-21-8)
 Listed: July 1, 1987

 Naphthalene (CAS 91-20-3)
 Listed: April 19, 2002

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

Ethylene oxide (CAS 75-21-8)

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)

Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

Volatile organic compounds (VOC) regulations

EPA

VOC content (40 CFR 97.2 %

51.100(s))

Consumer products Compliant

(40 CFR 59, Subpt. C)

State

Consumer products This product is regulated as an Engine Degreaser (aerosol). This product is compliant for use in all

50 states.

Inventory neme

VOC content (CA) 10 % VOC content (OTC) 10 %

International Inventories

Country/o) or region

Country(s) or region	on 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)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No

On inventory (vector)*

Country(s) or region Inventory name On inventory (yes/no)*

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

*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 date09-18-2013Prepared byAllison Cho

Version # 01

Further information CRC# 567H

HMIS® ratings Health: 2*
Flammability: 3

Physical hazard: 0 Personal protection: B

NFPA ratings Health: 2

Flammability: 3 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.