

SDS

Clean Brake

SDS Number: A285A

Revision Date: 2/27/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
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Product Identifier: Clean Brake
SDS Number: A285A
Product Code: A285
Revision Date: 2/27/2023
Product Use: Brake Parts Cleaner

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1
Physical, Gases Under Pressure, Compressed Gas
Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
 P302 - IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
 P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P308+313 - IF exposed or concerned: Get medical advice/attention.
 P337 + P313 - If eye irritation persists: Get medical advice/attention.
 P361 + P364 - Take off immediately all contaminated clothing and wash it before reuse.
 P403 - Store in a well-ventilated place.
 P405 - Store locked up.
 P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Inhalation, ingestion, eye, skin
Target Organs: May cause damage to organs through prolonged or repeated exposure.
Inhalation: May be fatal if swallowed and enters airways. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
Skin Contact: May cause skin irritation.
Eye Contact: May cause serious eye irritation.
Ingestion: May be fatal if swallowed and enters airways.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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CAS#	Chemical Ingredients: % Chemical Name:
67-64-1	50-55% Acetone
142-82-5	40-45% Heptane
124-38-9	1-5% Carbon dioxide

4	FIRST AID MEASURES
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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: Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
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.

DANGER. Extremely flammable. Contents under pressure. Harmful or fatal if swallowed. Aspiration hazard if swallowed. Vapor harmful. Keep away from heat and flame. Can cause nervous system depression.

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5 FIRE FIGHTING MEASURES

Flammability: Extremely flammable
Flash Point: < 0 F (liquid portion)
Autoignition Temp: Not Available
 Suitable fire extinguishing media: Use water spray, fog or foam.

Specific hazards arising from the chemical: Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products: Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods: 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 a positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:
 Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:
 Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions: Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

Storage Requirements: Store locked up. 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. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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. Eye wash facilities and emergency shower must be available when handling this product.

Personal Protective Equipment: Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is required use an organic vapor cartridge. A

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respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

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.

Acetone cas#:(67-64-1) [50-55%]

Components with workplace control parameters

TWA 500 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Hematologic effects

Substances for which there is a Biological Exposure Index or Indices (see BEI section)

Not classifiable as a human carcinogen

STEL 750 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation
Central Nervous System impairment
Hematologic effects

Substances for which there is a Biological Exposure Index or Indices (see BEI section)

Not classifiable as a human carcinogen

STEL 1,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
2,400 mg/m3

The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.

TWA 1,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
2,400 mg/m3

Contaminants

The value in mg/m3 is approximate.

TWA 250 ppm USA. NIOSH Recommended Exposure Limits
590 mg/m3

TWA 750 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
1,800 mg/m3

Heptane cas#:(142-82-5) [40-45%]

Components with workplace control parameters

TWA 85 ppm USA. NIOSH Recommended Exposure Limits
350 mg/m3

C 440 ppm USA. NIOSH Recommended Exposure Limits
1,800 mg/m3

15 minute ceiling value

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TWA 500 ppm USA. Occupational Exposure Limits
2,000 mg/m3 (OSHA) - Table Z-1 Limits for Air

Contaminants

The value in mg/m3 is approximate.

TWA 400 ppm USA. OSHA - TABLE Z-1 Limits for
1,600 mg/m3 Air Contaminants - 1910.1000

STEL 500 ppm USA. OSHA - TABLE Z-1 Limits for
2,000 mg/m3 Air Contaminants - 1910.1000

TWA 400 ppm USA. ACGIH Threshold Limit Values
(TLV)

Central Nervous System impairment
Upper Respiratory Tract irritation

STEL 500 ppm USA. ACGIH Threshold Limit Values
(TLV)

Central Nervous System impairment
Upper Respiratory Tract irritation

Carbon dioxide cas#:(124-38-9) [1-5%]

Components with workplace control parameters

TWA 5,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Asphyxia

STEL 30,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Asphyxia

TWA 10,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
18,000 mg/m3 1910.1000

Exposures under 10,000 ppm to be cited as de minimus.

STEL 30,000 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
54,000 mg/m3 1910.1000

TWA 5,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
9,000 mg/m3 Limits for Air Contaminants

The value in mg/m3 is approximate.

TWA 5,000 ppm USA. NIOSH Recommended Exposure Limits
9,000 mg/m3

Normal constituent of air (about 300 ppm).

ST 30,000 ppm USA. NIOSH Recommended Exposure Limits
54,000 mg/m3

Normal constituent of air (about 300 ppm).

Appearance: Clear, colorless

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Physical State:	Liquid, Aerosol	Odor:	Solvent
Spec Grav./Density:	(H2O=1): 0.8	Solubility:	Insoluble in water
Flammability:	Extremely Flammable	Flash Point:	< 0 F (liquid portion)
		VOC:	45% wt

10	STABILITY AND REACTIVITY
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Reactivity:	Under normal conditions of storage and use, hazardous reactions will not occur.
Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	High temperatures, open flames, sparks, welding.
Materials to Avoid:	Acids and strong oxidizers
Hazardous Decomposition:	CO, CO2. Vapors may ignite at temperatures exceeding flash point.
Hazardous Polymerization:	Will not occur.

11	TOXICOLOGICAL INFORMATION
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Primary Route of Entry: Skin contact, inhalation

Acute/Potential Health Effects:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying of skin and skin burns.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May cause peripheral nervous system disorder and/or damage.

INGESTION: Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Chronic / Long Term Effects: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Signs and Symptoms of Overexposure: Signs and symptoms of overexposure to this material through breathing, swallowing, and/or passage of material through the skin may include: stomach or intestinal upset (nausea vomiting, diarrhea) irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Target Organ Effects: Central nervous system.

Reproductive/Developmental Information: Prolonged and repeated exposure of pregnant animals to Toluene (>1500 ppm) has been reported to cause adverse fetal developmental effects.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acetone cas#:(67-64-1) [50-55%]

Information on toxicological effects

Acute toxicity:
 LD50 Oral - rat - 5,800 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Tremor.
 LC50 Inhalation - rat - 8 h - 50,100 mg/m3
 Inhalation: no data available

LD50 Dermal - guinea pig - 7,426 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

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This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Kidney - Irregularities - Based on Human Evidence

Heptane cas#:(142-82-5) [40-45%]

Information on toxicological effects

Acute toxicity: no data available

LC50 Inhalation - rat - 4 h - 103,000 mg/m³

Inhalation: Irritating to respiratory system.

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation (OECD Test Guideline 405)

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACG IH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: May be fatal if swallowed and enters airways.

Additional Information:

RTECS: MI7700000

Prolonged or repeated exposure to skin causes defatting and dermatitis., Central nervous system depression, narcosis,
Damage to the lungs.
Stomach - Irregularities - Based on Human Evidence

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

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Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May cause severe frostbite. May be harmful if absorbed through skin. May cause skin

Eyes May cause eye irritation. Aggravated Acts as a simple asphyxiant by displacing air. , Medical Condition

Signs and Symptoms of Exposure: Nausea, Dizziness, Headache, Low to medium concentrations of carbon dioxide can:, affect regulation of blood circulation, affect the acidity of body fluids, respiratory difficulties, At high concentrations:, Breathing difficulties, Increased pulse rate, change in body acidity, Very high concentrations can cause:, Unconsciousness, death

Synergistic effects: no data available

Additional Information:

RTECS: FF6400000

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ECOLOGICAL INFORMATION

Acetone cas#:(67-64-1) [50-55%]

Information on ecological effects

Toxicity: no data available

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 13,500.00 mg/l - 48 h.
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Heptane cas#:(142-82-5) [40-45%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Carassius auratus (goldfish) - 4 mg/l - 24.0 h.

LC50 - Tilapia mossambica - 375 mg/l - 96.0 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1.50 mg/l - 48 h.

other aquatic invertebrates

Persistence and degradability: Ratio BOD/ThBOD 3.5 %

Bioaccumulative potential: Indication of bioaccumulation.

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

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Do not empty into drains. Avoid release to the environment.

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

14

TRANSPORT INFORMATION
DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
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	None
Packaging bulk	None

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	

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Cargo aircraft only Allowed
Packaging exceptions LTD QTY

IMDG

UN number UN1950
UN proper shipping name AEROSOLS
Transport hazard class(es)
 Class 2.1
 Subsidiary risk -
 Label(s) None
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.
Packaging exceptions LTD QTY
Transport in bulk according to Not applicable.
AnnexII of MARPOL 73/78 and
the IBC Code

15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[50-55%] RQ(5000LBS), Acetone (67-64-1) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

[40-45%] Heptane (142-82-5) MASS, OSHAWAC, PA, TSCA, TXAIR

[1-5%] Carbon dioxide (124-38-9) MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

RQ = Reportable Quantity
 CERCLA = Superfund clean up substance
 HAP = Hazardous Air Pollutants
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level
 TXHWL = TX Hazardous Waste List

16	OTHER INFORMATION
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined