

# SAFETY DATA SHEET

## 1. Identification

Product identifier Brakleen® Brake Parts Cleaner - 19 L

Other means of identification

Product Code Item# 1755368

Recommended use Brake parts cleaner

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

Company name CRC Canada Co.

Address 83 Galaxy Blvd

Unit 35 - 37

Toronto, ON M9W 5X6

Canada

Telephone

**General Information** 416-847-7750 **Technical Assistance** 800-556-5074

24-Hour Emergency

(CHEMTREC)

800-424-9300 (Canada)

Website crcindustries.ca

#### 2. Hazard identification

Physical hazardsFlammable liquidsCategory 2Health hazardsSkin corrosion/irritationCategory 2Serious eye damage/eye irritationCategory 2A

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard

Category 1
Category 2

**Environmental hazards** Hazardous to the aquatic environment, acute

hazard

Hazardous to the aquatic environment,

long-term hazard

Category 2

#### Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin

irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

**Precautionary statement** 

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area. Avoid breathing mist/vapors. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Material name: Brakleen® Brake Parts Cleaner - 19 L Item# 1755368 Version #: 01 Issue date: 11-02-2023 Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON

SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. 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 advice/attention. In case of fire: Do not use water jet as an extinguisher, as this will

spread the fire.

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

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

Supplemental information None.

Other hazards 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.

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
acetone		67-64-1	80 - 100
naphtha (petroleum), hydrotreated light		64742-49-0	3 - 7
distillates (petroleum), light distillate hydrotreating process, low-boiling		68410-97-9	1 - 5
heptane, branched, cyclic and linear		426260-76-6	1 - 5
n-heptane		142-82-5	1 - 5

The exact percentage (concentration) of composition has been withheld as a trade secret.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 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**Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.

vomiting occurs, keep nead low so that stomach content doesn't get into the lungs.

Most important symptoms/effects, acute and delayed

delayed

Indication of immediate medical attention and special treatment needed

General information

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

Suitable extinguishing media

Water fog. Alcohol resistant foam. 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

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. 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. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Fire fighting equipment/instructions

Specific methods
General fire hazards

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials.

Highly flammable liquid and vapor.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Use appropriate containment to avoid environmental contamination. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

## 7. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. 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. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

#### Occupational exposure limits

#### **US. ACGIH Threshold Limit Values**

Components	Туре	Value	Form
acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)	TWA	5 mg/m3	Inhalable fraction.
n-heptane (CAS 142-82-5)	STEL	500 ppm	

HS	ACGIH	Threshold	I imit \	/alues

Components	Туре	Value	Form
	TWA	400 ppm	
Canada. Alberta OELs (Occupation	nal Health & Safety Code, Scl	hedule 1, Table 2)	
Components	Туре	Value	Form
acetone (CAS 67-64-1)	STEL	1800 mg/m3	
		750 ppm	
	TWA	1200 mg/m3	
		500 ppm	
distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	TWA	1590 mg/m3	
- handara (OAO 440 00 5)	OTEL	400 ppm	
n-heptane (CAS 142-82-5)	STEL	2050 mg/m3	
	T)A/A	500 ppm	
	TWA	1640 mg/m3	
		400 ppm	
Canada. British Columbia OELs. (C		s for Chemical Substances, O	ccupational Health and
Safety Regulation 296/97, as amen Components	Type	Value	Form
acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
distillates (petroleum), light	TWA	1 mg/m3	Mist.
distillate hydrotreating process, low-boiling (CAS 68410-97-9)			
n-heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
Canada. Manitoba OELs (Reg. 217	2006, The Workplace Safety	And Health Act)	
Components	Туре	Value	Form
acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)	TWA	5 mg/m3	Inhalable fraction.
n-heptane (CAS 142-82-5)	STEL	500 ppm	
. , ,	TWA	400 ppm	
Canada. New Brunswick OELs: Th Publication (New Brunswick Regu	reshold Limit Values (TLVs)		CGIH TLVs and BEIs
		Value	Form
	Туре	Value	1 01111
Components	Type STEL		1 01111
Components acetone (CAS 67-64-1)		1728 mg/m3 750 ppm	1 01111

# 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	ion 91-191) Type	Value	Form
<u> </u>		500 ppm	
distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)	STEL	10 mg/m3	Mist.
,	TWA	5 mg/m3	Mist.
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	TWA	1590 mg/m3	
		400 ppm	
n-heptane (CAS 142-82-5)	STEL	2050 mg/m3	
		500 ppm	
	TWA	1640 mg/m3	
		400 ppm	
Canada. Ontario OELs. (Control of E	xposure to Biological or Che	mical Agents)	
Components	Туре	Value	
acetone (CAS 67-64-1)	STEL	500 ppm	
	TWA	250 ppm	
naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	TWA	525 mg/m3	
n-heptane (CAS 142-82-5)	STEL	500 ppm	
1 (	TWA	400 ppm	
Canada. Quebec OELs. (Ministry of L Components	Type STEL	Value	Form
acetone (CAS 67-64-1)	SIEL	2380 mg/m3 1000 ppm	
		тооо ррпп	
	Τ\Λ/Λ	1100 mg/m3	
	TWA	1190 mg/m3	
distillatos (notroloum), light		500 ppm	Mict
distillate hydrotreating process, low-boiling (CAS	STEL	-	Mist.
distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)		500 ppm	Mist.
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS	STEL	500 ppm 10 mg/m3	
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	STEL	500 ppm 10 mg/m3 5 mg/m3	
distillate hydrotreating process, low-boiling (CAS	STEL TWA TWA	500 ppm 10 mg/m3 5 mg/m3 1000 mg/m3	
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS 64742-49-0)	STEL TWA TWA STEL TWA	500 ppm 10 mg/m3 5 mg/m3 1000 mg/m3 500 ppm 400 ppm	
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS 64742-49-0) n-heptane (CAS 142-82-5)  Canada. Saskatchewan OELs (Occup Components	STEL  TWA  TWA  STEL  TWA  Dational Health and Safety Re	500 ppm 10 mg/m3 5 mg/m3 1000 mg/m3 500 ppm 400 ppm	
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS 64742-49-0) n-heptane (CAS 142-82-5)  Canada. Saskatchewan OELs (Occup	STEL  TWA  TWA  STEL  TWA  pational Health and Safety Re  Type	500 ppm 10 mg/m3 5 mg/m3 1000 mg/m3 500 ppm 400 ppm egulations, 1996, Table 21) Value	
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS 64742-49-0) n-heptane (CAS 142-82-5)  Canada. Saskatchewan OELs (Occup Components	STEL TWA TWA STEL TWA pational Health and Safety Re Type 15 minute	500 ppm 10 mg/m3 5 mg/m3 1000 mg/m3 500 ppm 400 ppm egulations, 1996, Table 21) Value 750 ppm	
distillate hydrotreating process, low-boiling (CAS 68410-97-9)  naphtha (petroleum), hydrotreated light (CAS 64742-49-0) n-heptane (CAS 142-82-5)  Canada. Saskatchewan OELs (Occup Components acetone (CAS 67-64-1)  distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS	STEL TWA STEL TWA  pational Health and Safety Re Type  15 minute 8 hour	500 ppm 10 mg/m3 5 mg/m3 1000 mg/m3 500 ppm 400 ppm 400 ppm 401 value 750 ppm 500 ppm	

# Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components Value Type n-heptane (CAS 142-82-5) 15 minute 500 ppm 8 hour 400 ppm

#### **Biological limit values**

**ACGIH Biological Exposure Indices** 

Components	Value	Determinant	Specimen	Sampling Time
acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*

<sup>\* -</sup> For sampling details, please see the source document.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation 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 and safety shower.

#### 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/butyl.

Other Wear appropriate chemical resistant clothing.

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a Respiratory protection

NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. 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 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

Liquid. Physical state Color Colorless. Odor Solvent.

Melting point and freezing

point

-139.6 °F (-95.4 °C) estimated

Boiling point or initial boiling

point and boiling range

132.8 °F (56 °C) estimated

Not available. **Flammability** 

Lower and upper explosive limits

Explosive limit - lower (%) 1 % estimated 14.3 % estimated Explosive limit - upper (%)

-0.0009 °F (-17.8 °C) estimated Flash point 433 °F (222.8 °C) estimated **Auto-ignition temperature** 

**Decomposition temperature** Not available. Ηq Not available. Kinematic viscosity Not available.

Solubility(ies)

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

(n-octanol/water) (log value)

297.9 hPa estimated Vapor pressure

0.78 Density and relative density Relative vapor density >2 (air = 1) **Particle characteristics** Not available. Other information

100 % estimated Percent volatile

VOC 10 %

## 10. Stability and reactivity

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

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

Possibility of hazardous

Conditions to avoid

reactions

No dangerous reaction known under conditions of normal use.

Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. Incompatible materials Acids. Strong oxidizing agents.

**Hazardous decomposition** 

products

Carbon oxides. Hydrocarbon fumes and smoke. Aldehydes. Formaldehyde.

## 11. Toxicological information

## Information on likely routes of exposure

Inhalation May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be

harmful.

Causes skin irritation. Skin contact

Causes serious eve irritation. Eve contact

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

#### Information on toxicological effects

**Acute toxicity** May be fatal if swallowed and enters airways.

**Product Species Test Results** Brakleen® Brake Parts Cleaner - 19 L

Acute

**Dermal** 

**ATEmix** 14290 mg/kg bw

Oral

**ATEmix** 10930 mg/kg bw

Components **Species Test Results** 

acetone (CAS 67-64-1)

Acute

**Dermal** 

LD50 Rabbit > 15800 mg/kg

Inhalation

LC50 Rat 76 mg/l, 4 Hours

Oral

LD50 Rat 5800 mg/kg

heptane, branched, cyclic and linear (CAS 426260-76-6)

**Acute** 

**Dermal** 

LD50 Rabbit > 2000 mg/kg

Inhalation

LC50 Rat > 60 mg/l, 4 hours

Oral

LD50 Rat > 5000 mg/kg

Material name: Brakleen® Brake Parts Cleaner - 19 L Item# 1755368 Version #: 01 Issue date: 11-02-2023

**Test Results** Components **Species** 

naphtha (petroleum), hydrotreated light (CAS 64742-49-0)

Acute

Dermal

LD50 Rat > 2000 mg/kg

Inhalation

Vapor

Rat LC50 > 5.200000000000000 mg/l, 4 hours

Oral

LD50 Rat > 5000 mg/kg

n-heptane (CAS 142-82-5)

**Acute** 

Dermal

LD50 Rabbit > 2000 mg/kg

Inhalation

LC50 Rat 103 mg/m3, 4 Hours

Oral

LD50 Rat > 5000 mg/kg

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met. Respiratory sensitization Based on available data, the classification criteria are not met. Skin sensitization Based on available data, the classification criteria are not met. Germ cell mutagenicity Carcinogenicity Based on available data, the classification criteria are not met.

**ACGIH Carcinogens** 

acetone (CAS 67-64-1) A4 Not classifiable as a human carcinogen. distillates (petroleum), light distillate hydrotreating A4 Not classifiable as a human carcinogen.

process, low-boiling (CAS 68410-97-9)

Canada - Manitoba OELs: carcinogenicity

acetone (CAS 67-64-1) Not classifiable as a human carcinogen. distillates (petroleum), light distillate hydrotreating Not classifiable as a human carcinogen.

process, low-boiling (CAS 68410-97-9)

IARC Monographs. Overall Evaluation of Carcinogenicity

distillates (petroleum), light distillate hydrotreating

process, low-boiling (CAS 68410-97-9)

3 Not classifiable as to carcinogenicity to humans.

Based on available data, the classification criteria are not met. Reproductive toxicity

Specific target organ toxicity -

Specific target organ toxicity -

single exposure

repeated exposure

May cause drowsiness or dizziness.

Based on available data, the classification criteria are not met.

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

**Chronic effects** Prolonged inhalation may be harmful.

12. Ecological information

Toxic to aquatic life with long lasting effects. **Ecotoxicity** 

Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

acetone -0.24n-heptane 4.66

**Bioconcentration factor (BCF)** 

naphtha (petroleum), hydrotreated light 10 - 2500 Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation

potential.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

Yes

## 14. Transport information

**TDG** 

UN1993 **UN** number

**UN proper shipping name** Transport hazard class(es) FLAMMABLE LIQUID, N.O.S. (acetone, heptane), MARINE POLLUTANT

3 Class Subsidiary risk Packing group Ш

**Environmental hazards** 

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

**IATA** 

**UN** number

Flammable liquid, n.o.s. (acetone, heptane) **UN proper shipping name** 

Transport hazard class(es)

3 Class Subsidiary risk Ш Packing group **ERG Code** 3H

Other information

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

**IMDG** 

**UN** number UN1993

**UN** proper shipping name Transport hazard class(es) FLAMMABLE LIQUID, N.O.S. (acetone, heptane), MARINE POLLUTANT

Class 3 Subsidiary risk Ш Packing group **Environmental hazards** 

> Yes Marine pollutant F-E, S-E

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

## IATA; IMDG; TDG



# Marine pollutant



**General information** 

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Volatile Organic Compound Concentration Limits for Certain Products Regulations: SOR/2021-268 Product Category: Automotive brake cleaner

Canada. Excluded VOCs. Guidelines for Volatile Organic Compounds in Consumer Products. CEPA 1999. Environment Canada, as amended

acetone (CAS 67-64-1)

**Controlled Drugs and Substances Act** 

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Not listed.

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

acetone (CAS 67-64-1)

**Precursor Control Regulations** 

acetone (CAS 67-64-1) Class B

International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto protocol** 

Not applicable.

Montreal Protocol

Not applicable.

**Basel Convention** 

Not applicable.

#### **International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

Country(s) or region Inventory name On inventory (yes/no)\* China Inventory of Existing Chemical Substances in China (IECSC) European Inventory of Existing Commercial Chemical Europe No Substances (EINECS) European List of Notified Chemical Substances (ELINCS) Europe No Inventory of Existing and New Chemical Substances (ENCS) Japan No Korea Existing Chemicals List (ECL) Yes New Zealand **New Zealand Inventory** No Philippines Philippine Inventory of Chemicals and Chemical Substances Yes

(PICCS)

Taiwan Taiwan Chemical Substance Inventory (TCSI)

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

Yes

#### 16. Other information

**Issue date** 11-02-2023

Version # 01

Further information CRC # 920B/1002914

**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's 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 Canada Co..

<sup>\*</sup>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).