Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: : Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Trade name : HARVEST KING NON-FLAMMABLE BRAKE PARTS CLEANER 20 OZ.

Product code : HK004

Other means of identification : Not for sale or use in California or New Jersey.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Brake Parts Cleaner

1.3. Details of the supplier of the safety data sheet

Mid-States Distributing P.O. Box 64537 St. Paul, MN 55164-0537 T 651-698-8831

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS US classification

 Press. Gas (Comp.)
 H280

 Acute Tox. 4 (Inhalation)
 H332

 Acute Tox. 4 (Inhalation:gas)
 H332

 Skin Irrit. 2
 H315

 Eye Irrit. 2B
 H320

 Carc. 1B
 H350

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)





4 GHS07

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H280 - Contains gas under pressure; may explode if heated

H315 - Causes skin irritation H320 - Causes eye irritation H332 - Harmful if inhaled H350 - May cause cancer

Precautionary statements (GHS US) : P201 - Obtain special instructions

P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust,fume,gas,mist,vapor spray P264 - Wash affected areas thoroughly after handling P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves, protective clothing, eye protection, face protection

P302+P352 - If on skin: Wash with plenty of soap and water

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing

P308+P313 - If exposed or concerned: Get medical advice/attention. P312 - Call a POISON CONTROL CENTER, doctor, if you feel unwell.

P321 - Specific treatment: See section 4.1 on SDS

P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

P410+P403 - Protect from sunlight. Store in a well-ventilated place.

P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with

local, regional, national, international regulations.

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2.3. Other hazards

Other hazards not contributing to the classification

: Contains gas under pressure; may explode if heated. None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Tetrachloroethylene	(CAS-No.) 127-18-4	>= 95	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Carc. 1B, H350 Aquatic Chronic 2, H411
Carbon Dioxide, Liquefied, Under Pressure	(CAS-No.) 124-38-9	1 - 5	Press. Gas (Comp.), H280

The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible). Suspected of causing cancer.

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest. Remove victing

: Allow victim to breathe fresh air. Allow the victim to rest. 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.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed

by warm water rinse.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : May cause cancer.

Symptoms/effects after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if

inhaled.

Symptoms/effects after skin contact : May cause slight irritation . Itching. Skin rash/inflammation. Red skin.

Symptoms/effects after eye contact : Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.

Causes eye irritation.

Symptoms/effects after ingestion : May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : NFPA Aerosol Level 1.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

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6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Contain released product, pump into suitable containers. Plug the leak,

cut off the supply.

Methods for cleaning up : Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Avoid breathing dust,fume,gas,mist,vapor spray. Obtain special instructions . Do not handle until all safety precautions have been read and understood.

Hygiene measures

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse. Always wash hands after handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Take off immediately all contaminated clothing and wash it before reuse. Observe normal hygiene standards. Keep container tightly closed. Observe strict hygiene. Reduce/avoid exposure and/or contact. Observe very strict hygiene - avoid contact. Avoid prolonged and repeated contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Comply with

applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container

closed when not in use.

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.
Storage area : Store in a well-ventilated place.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Tetrachloroethylene (127-18-4)		
USA ACGIH	ACGIH TWA (mg/m³)	170 mg/m³
USA ACGIH	ACGIH TWA (ppm)	25 ppm
USA ACGIH	ACGIH STEL (mg/m³)	685 mg/m³
USA ACGIH	ACGIH STEL (ppm)	100 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	200 ppm

Carbon Dioxide, Liquefied, Under Pressure (124-38-9)			
USA ACGIH	ACGIH TWA (mg/m³)	9000 mg/m ³	
USA ACGIH	ACGIH TWA (ppm)	5000 ppm	
USA ACGIH	ACGIH STEL (mg/m³)	54000	
USA ACGIH	ACGIH STEL (ppm)	30000 ppm	
USA OSHA	OSHA PEL (TWA) (mg/m³)	9000 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	5000 ppm	

8.2. Exposure controls

Appropriate engineering controls

: Local exhaust venilation, vent hoods . Ensure good ventilation of the work station. Provide local exhaust or general room ventilation. Do not breathe dust.

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Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.





Materials for protective clothing : GIVE EXCELLENT RESISTANCE:

Hand protection : Wear protective gloves.

Eye protection : Safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Wear appropriate mask.

Environmental exposure controls : Avoid release to the environment.

Consumer exposure controls : Avoid contact during pregnancy/while nursing.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Gas
Appearance : Liquid.
Molecular mass : 165.83 g/mol
Color : Colourless.

Odor : Sweet odour. Ether-like odour.

Odor threshold : No data available

pH : 6.8 - 8.4
Relative evaporation rate (butyl acetate=1) : 1.5
Relative evaporation rate (ether=1) : 8

Melting point : -22 °C (1013 hPa)

Freezing point : No data available

Boiling point : 121.4 °C (1013 hPa)

Flash point : None Critical temperature : 347 °C

Auto-ignition temperature : No data available

Decomposition temperature : > 150 °C

Flammability (solid, gas) : No data available
Vapor pressure : 25 hPa (25 °C)
Vapor pressure at 50 °C : 82 hPa
Relative vapor density at 20 °C : 5.8
Relative density : 1.62
Relative density of saturated gas/air mixture : 1.1

Specific gravity / density : 1623 kg/m³

Solubility : Insoluble in water. Substance sinks in water. Soluble in ethanol. Soluble in ether. Soluble in

acetone. Soluble in chloroform. Soluble in tetrachloromethane. Soluble in hexane. Soluble in

oils/fats.

Water: 0.015 g/100ml (25 °C)

Ethanol: miscible Ether: miscible Acetone: > 10 g/100ml

Log Pow : 2.53 (Experimental value, Equivalent or similar to OECD 107, 23 °C)

Log Kow : No data available
Viscosity, kinematic : 0.9 cSt @ 20 deg C
Viscosity, dynamic : 0.88 mPa·s (20 °C)
Explosive properties : No data available
Oxidizing properties : No data available
Explosion limits : No data available

9.2. Other information

Saturation concentration : 127 g/m³

VOC content : > 95 % VOC Exempt
Gas group : Compressed gas

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

HARVEST KING NON-FLAMMABLE BRAKE PARTS CLEANER 20 OZ.		
LD50 oral rat 3835 mg/kg body weight		
LD50 dermal rabbit	> 3000 mg/kg (Rabbit, Literature study, Dermal)	
LC50 inhalation rat (mg/l)	27.58 mg/l/4h (Rat; Literature study)	
LC50 inhalation rat (ppm)	5200 ppm/4h (Rat; Experimental value)	
ATE CLP (oral)	3835 mg/kg body weight	
ATE CLP (vapors)	27.58 mg/l/4h	
ATE CLP (dust, mist)	27.58 mg/l/4h	

Tetrachloroethylene (127-18-4)		
LD50 oral rat	2629 mg/kg	
LD50 dermal rabbit	> 3000 mg/kg (Rabbit, Literature study, Dermal)	
LC50 inhalation rat (ppm)	3786 ppm/4h	
ATE CLP (oral)	3835 mg/kg body weight	
ATE CLP (vapors)	27.58 mg/l/4h	
ATE CLP (dust, mist)	27.58 mg/l/4h	

Skin corrosion/irritation : Causes skin irritation.

pH: 6.8 - 8.4

Serious eye damage/irritation : Causes eye irritation.

pH: 6.8 - 8.4

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : May cause cancer.
Reproductive toxicity : Not classified
Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity - repeated

Symptoms/effects after inhalation

exposure

: Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met. Harmful if inhaled.

: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if

inhaled.

Symptoms/effects after skin contact : May cause slight irritation . Itching. Skin rash/inflammation. Red skin.

Symptoms/effects after eye contact : Irritation of the eye tissue. Inflammation/damage of the eye tissue. Redness of the eye tissue.

Causes eye irritation.

Symptoms/effects after ingestion : May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Dangerous for the environment.

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HARVEST KING NON-FLAMMABLE BRAKE LC50 fish 1 EC50 Daphnia 1 Tetrachloroethylene (127-18-4) LC50 fish 1 EC50 Daphnia 1 Carbon Dioxide, Liquefied, Under Pressure LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD) ThOD	5 mg/l (Other, 96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) 5 mg/l (Other, 96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) e (124-38-9) 35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal)
Tetrachloroethylene (127-18-4) LC50 fish 1 EC50 Daphnia 1 Carbon Dioxide, Liquefied, Under Pressure LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) 5 mg/l (Other, 96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) e (124-38-9) 35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal)
Tetrachloroethylene (127-18-4) LC50 fish 1 EC50 Daphnia 1 Carbon Dioxide, Liquefied, Under Pressure LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	Locomotor effect) 5 mg/l (Other, 96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) e (124-38-9) 35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal) E PARTS CLEANER 20 OZ.
Carbon Dioxide, Liquefied, Under Pressure LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) e (124-38-9) 35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal) E PARTS CLEANER 20 OZ.
Carbon Dioxide, Liquefied, Under Pressure LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	Locomotor effect) 8.5 mg/l (ASTM, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) e (124-38-9) 35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal) E PARTS CLEANER 20 OZ.
Carbon Dioxide, Liquefied, Under Pressure LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	Locomotor effect) e (124-38-9) 35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal) E PARTS CLEANER 20 OZ.
LC50 fish 1 2.2. Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	35 mg/l (96 h, Salmo gairdneri, Literature study, Lethal) E PARTS CLEANER 20 OZ.
Persistence and degradability HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	E PARTS CLEANER 20 OZ.
HARVEST KING NON-FLAMMABLE BRAKE Persistence and degradability Biochemical oxygen demand (BOD)	
Persistence and degradability Biochemical oxygen demand (BOD)	
Biochemical oxygen demand (BOD)	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	
ThOD	0.06 g O ₂ /g substance
THOD	0.39 g O ₂ /g substance
BOD (% of ThOD)	0.15
Tetrachloroethylene (127-18-4)	
Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.06 g O ₂ /g substance
ThOD	0.39 g O ₂ /g substance
BOD (% of ThOD)	0.15
Carbon Dioxide, Liquefied, Under Pressure	e (124-38-9)
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
2.3. Bioaccumulative potential	The application (intergrants)
· · · · · · · · · · · · · · · · · · ·	F DARTO OF FAMER OF OT
HARVEST KING NON-FLAMMABLE BRAKE	
BCF fish 1	25.8 - 77.1 (8 week(s), Cyprinus carpio)
BCF fish 2	49 (Other, 21 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimenta value, Fresh weight)
Log Pow	2.53 (Experimental value, Equivalent or similar to OECD 107, 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Tetrachloroethylene (127-18-4)	
BCF fish 1	25.8 - 77.1 (8 week(s), Cyprinus carpio)
BCF fish 2	49 (Other, 21 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimenta value, Fresh weight)
Log Pow	2.53 (Experimental value, Equivalent or similar to OECD 107, 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Carbon Dioxide, Liquefied, Under Pressure	e (124-38-9)
Log Pow	0.83 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
2.4. Mobility in soil	
HARVEST KING NON-FLAMMABLE BRAKE	E PARTS CLEANER 20 OZ.
Surface tension	32.1 mN/m (20 °C)
Log Koc	2.15 (log Koc, Experimental value)
Ecology - soil	Low potential for adsorption in soil.
Tetrachloroethylene (127-18-4)	
Surface tension	32.1 mN/m (20 °C)
Log Koc	2.15 (log Koc, Experimental value)
Ecology - soil	Low potential for adsorption in soil.
Carbon Dioxide, Liquefied, Under Pressure	

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Other adverse effects

Other information : Avoid release to the environment

SECTION 13: Disposal considerations

Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of

contents/container to appropriate waste disposal facility, in accordance with local, regional,

national, international regulations.

: Avoid release to the environment. Ecology - waste materials

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): UN1950, Aerosols, Non-flammable, Poison, 2.2, Limited Quantity ICAO/IATA (air): UN1950, Aerosols, Non-flammable, Poison, 2.2 (6.1), Limited Quantity

IMO/IMDG (water): UN1950, Aerosols, Non-flammable, Marine Pollutant, 2.2 (6.1 Tetrachloroethylene (Perchloroethylene)), Limited Quantity

UN proper shipping name

Proper Shipping Name (DOT) : Aerosols, Non-flammable, Poison

Poison, (each not exceeding 1 L capacity)

Class (DOT) : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115

Hazard labels (DOT) : 2.2 - Non-flammable gas

6.1 - Poison





DOT Packaging Exceptions (49 CFR 173.xxx) : 306 DOT Packaging Non Bulk (49 CFR 173.xxx) : None DOT Packaging Bulk (49 CFR 173.xxx) : None Marine pollutant : Yes

14.3. Additional information

Other information : No supplementary information available.

Overland transport

No additional information available

Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

DOT Vessel Stowage Other : 48 - Stow "away from" sources of heat,87 - Stow "separated from" Class 1 (explosives) except

Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

: 6.1 Tetrachloroethylene (Perchloroethylene) Subsidiary risks (IMDG)

Air transport

DOT Quantity Limitations Passenger aircraft/rail : Forbidden

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : Forbidden

CFR 175.75)

Subsidiary risk (IATA) : 6.1

SECTION 15: Regulatory information

15.1. US Federal regulations

HARVEST KING NON-FLAWIWADLE BRAKE PA	4K I 3	CLEA	INEK	20 02	

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard Delayed (chronic) health hazard Sudden release of pressure hazard

Tetrachloroethylene (127-18-4)

Listed on the United States SARA Section 302

Subject to reporting requirements of United States SARA Section 313

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Tetrachloroethylene (127-18-4)		
CERCLA RQ	100 lb Tetrachloroethylene	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard	
Carbon Dioxide, Liquefied, Under Pressure (124-38-9)		
SARA Section 311/312 Hazard Classes Sudden release of pressure hazard Immediate (acute) health hazard		

15.2. International regulations

CANADA

HARVEST KING NON-FLAMMABLE BRAKE PARTS CLEANER 20 OZ.		
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	
Tetrachloroethylene (127-18-4)		
Listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Carc.Cat.3; R40 N; R51/53

Full text of R-phrases: see section 16

15.2.2. National regulations

Tetra	chloroe	thylene	(127-18-4)	

Listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations

HARVEST KING NON-FLAMMABLE BRAKE PARTS CLEANER 20 OZ.				
U.S California - Propo	sition 65 - Carcinogens List	Yes		
U.S California - Propo Toxicity	sition 65 - Developmental	No		
U.S California - Propo Toxicity - Female	sition 65 - Reproductive	No		
U.S California - Propo Toxicity - Male	sition 65 - Reproductive	No		
State or local regulation	s	Not for sale in California or New Jersey U.S Pennsylvania - RTK (Right to Know) List U.S California - Proposition 65		
Tetrachloroethylene (1	27-18-4)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	

Carbon Dioxide, Liquefied, Under Pressure (124-38-9) U.S. - California -U.S. - California -U.S. - California -U.S. - California -No significant risk level Proposition 65 -Proposition 65 -Proposition 65 -Proposition 65 -(NSRL) Carcinogens List **Developmental Toxicity** Reproductive Toxicity -Reproductive Toxicity -Female Male No No No

Tetrachloroethylene (127-18-4)

State or local regulations

U.S. - California - Proposition 65

Not for sale in California or New Jersey

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New Jersey - Right to Know Hazardous Substance List

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Tetrachloroethylene (127-18-4)

U.S. - Massachusetts - Right To Know List

U.S. - Rhode Island - Hazardous Substance List

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information : None.

Full text of H-phrases:

H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H350	May cause cancer
H411	Toxic to aquatic life with long lasting effects

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause

temporary incapacitation or residual injury.

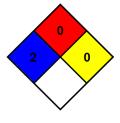
NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions,

including intrinsically noncombustible materials such as

concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even

under fire conditions.



Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 0 Minimal Hazard
Physical : 1 Slight Hazard

Personal protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

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