



CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015
Issue date: 6/19/2025 Version: 1.0

SECTION 1: Identification of the hazardous chemical or mixture and of the supplier or manufacturer

1.1. GHS product identifier

Trade name : CRC® Heavy Duty Clear Penetrating Grease, 368 g
Product code : 1751398

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Penetrating grease
Restrictions on use : None known

1.4. Supplier's details

Manufactured or sold by:

CRC Industries de Mexico S. de R. L. de C. V.
Cerrada Canadá 201-H
Fraccionamiento industrial Martel
Santa Catarina, NL 66367
Mexico
T 81-2139-0572

1.5. Emergency phone number

Emergency number : 01-800-681-9531 (Mexico) - 57 601 7942539 (Colombia)
24-Hour Emergency

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS MX classification

Aerosol, Category 1	H222;H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
Skin corrosion/irritation Category 2	H315	Causes skin irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.
Aspiration hazard Category 1	H304	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment – Acute Hazard Category 2	H401	Toxic to aquatic life.
Hazardous to the aquatic environment – Chronic Hazard Category 3	H412	Harmful to aquatic life with long lasting effects.

Full text of H statements : see section 16

2.2. Label elements

GHS MX labelling

Hazard pictograms (GHS MX) :



Signal word (GHS MX) :

Danger

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

Hazard statements (GHS MX)	: H222 - Extremely flammable aerosol H229 - Pressurized container: may burst if heated H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H336 - May cause drowsiness or dizziness
Precautionary statements (GHS MX)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P261 - Avoid breathing vapors, spray, mist. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves. P264 - Wash hands thoroughly after handling. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 - Do NOT induce vomiting. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER or doctor if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water. P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P405 - Store locked up. P403 - Store in a well-ventilated place. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : 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.

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Butane	Butane	CAS-No.: 106-97-8	10 – 30
Propane	Propane	CAS-No.: 74-98-6	10 – 30
Heptane, branched, cyclic and linear	Heptane, branched, cyclic and linear	CAS-No.: 426260-76-6	10 – 30
Distillates (petroleum), hydrotreated light	Distillates (petroleum), hydrotreated light	CAS-No.: 64742-47-8	5 – 10
Aluminum hydroxide benzoate stearate	ALUMINUM HYDROXIDE BENZOATE STEARATE	CAS-No.: 54326-11-3	1 – 5

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

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general	: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Risk of lung edema. Aspiration may cause pulmonary edema and pneumonitis.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Water fog. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Pressurized container may rupture when exposed to heat or flame.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Measures to be taken in case of accidental spillage or accidental leakage

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.
------------------	---

6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
----------------------	---

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

Emergency procedures : No open flames, no sparks, and no smoking. Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing vapors, spray, mist.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage.

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Exposure to high temperature may cause can to burst. Do not use if spray button is missing or defective. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid contact with skin and eyes. Avoid breathing vapors, spray, mist. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. 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. For product usage instructions, see the product label.

Hygiene measures : 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. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Level 3 Aerosol. Store locked up. Store in a well-ventilated place. Store in a cool, dry place out of direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butane (106-97-8)

Mexico - Occupational Exposure Limits

Local name	Butano
OEL TWA	1000 ppm
Remark (MX)	Daño a sistema nervioso central; sensibilizante cardiaco

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

Butane (106-97-8)	
Regulatory reference	NOM-010-STPS-2014
Propane (74-98-6)	
Mexico - Occupational Exposure Limits	
Local name	Propano
OEL TWA	1000 ppm
Remark (MX)	Sensibilizante cardiaco; daño a sistema nervioso central
Regulatory reference	NOM-010-STPS-2014

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Wear recommended personal protective equipment.
Hand protection : Wear protective gloves such as: Nitrile rubber
Eye protection : Wear safety glasses with side shields (or goggles).
Respiratory protection : If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Clear
Odor : Characteristic
Odor threshold : No data available
pH : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : 79.4 °C (175 °F) estimated
Flash point : -6.7 °C (20 °F) estimated
Evaporation rate : Fast
Flammability (solid, gas) : No data available
Explosion limits : No data available
Vapor pressure : No data available
Relative vapor density at 20°C : > 1 (air=1)
Relative density : 0.72
Solubility : Water: Negligible
Partition coefficient n-octanol/water (Log Pow) : No data available
Partition coefficient n-octanol/water (Log Kow) : No data available
Auto-ignition temperature : 210 °C (410 °F) estimated
Decomposition temperature : No data available
Viscosity, dynamic : No data available
Molecular mass : No data available
Explosive properties : No data available
Oxidizing properties : No data available

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Aluminum hydroxide benzoate stearate (54326-11-3)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg Source: ECHA
Distillates (petroleum), hydrotreated light (64742-47-8)	
LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat	> 5.28 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 0,42 -
LC50 Inhalation - Rat (Dust/Mist)	> 5.2 mg/l Source: IUCLID
Butane (106-97-8)	
LC50 Inhalation - Rat [ppm]	> 800000 ppm Source: ECHA
Propane (74-98-6)	
LC50 Inhalation - Rat [ppm]	800000 ppm Source: ECHA
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified

Distillates (petroleum), hydrotreated light (64742-47-8)

NOAEL (animal/male, F0/P)	≥ 3000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified

Distillates (petroleum), hydrotreated light (64742-47-8)

NOAEL (oral,rat,90 days)	750 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal,rat/rabbit,90 days)	≥ 495 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Risk of lung edema. Aspiration may cause pulmonary edema and pneumonitis.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
-------------------	---

Aluminum hydroxide benzoate stearate (54326-11-3)

LC50 - Fish [1]	> 100 mg/l Source: ECHA
EC50 - Crustacea [1]	> 100 mg/l Source: ECHA

Distillates (petroleum), hydrotreated light (64742-47-8)

LC50 - Fish [1]	2.4 mg/l Source: ECOTOX
-----------------	-------------------------

Butane (106-97-8)

LC50 - Fish [1]	27.98 mg/l Source: QSAR
EC50 96h - Algae [1]	16.47 mg/l Source: QSAR

Propane (74-98-6)

LC50 - Fish [1]	> 100 mg/l Source: IUCLID
-----------------	---------------------------

12.2. Persistence and degradability

CRC® Heavy Duty Clear Penetrating Grease, 368 g

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

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

12.3. Bioaccumulative potential

Aluminum hydroxide benzoate stearate (54326-11-3)	
Partition coefficient n-octanol/water (Log Pow)	1.884 Source: ECHA
Distillates (petroleum), hydrotreated light (64742-47-8)	
Partition coefficient n-octanol/water (Log Pow)	3.3 – 6 Source: IUCLID
Butane (106-97-8)	
Partition coefficient n-octanol/water (Log Pow)	2.89 Source: ICSC
Propane (74-98-6)	
Partition coefficient n-octanol/water (Log Pow)	2.36

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

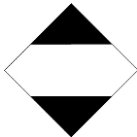
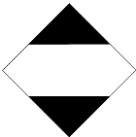

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Contents under pressure. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Regional waste regulation	: Dispose of contents/container in accordance with local/regional/national regulations.
Additional information	: Do not re-use empty containers.
Sewage disposal recommendations	: Do not allow to enter sewers, surface or groundwater.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with NOM / IMDG / IATA

NOM	IMDG	IATA
14.1. UN number		
1950	1950	1950
14.2. Proper Shipping Name		
AEROSOLS (Limited quantity)	AEROSOLS (Limited quantity)	Aerosols, flammable (Limited quantity)
14.3. Transport hazard class(es)		
LTD QTY	LTD QTY	LTD QTY
		

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

NOM	IMDG	IATA
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
No		

14.6. Special precautions for user

NOM	
Class (NOM/SCT)	: 2 - Gases
Special provisions (NOM/SCT)	: 63, 190, 277, 327, 344
Limited quantities (NOM/SCT)	: See SP 277
Excepted quantities (NOM/SCT)	: E0
Packing instruction (NOM/SCT)	: P003, LP02
Special packing provisions (NOM/SCT)	: PP17, PP87, L2
IMDG	
Class (IMDG)	: 2.1 - Flammable gases
Special provision (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP200
Packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage)	: S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69
IATA	
Class (IATA)	: 2.1 - Gases : Flammable
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provision (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Distillates (petroleum), hydrotreated light (64742-47-8):

Listed in the INSQ (National Inventory of Chemical Substances)

Butane (106-97-8):

Listed in the INSQ (National Inventory of Chemical Substances)

CRC® Heavy Duty Clear Penetrating Grease, 368 g

Safety Data Sheet

according to NOM-018-STPS-2015

Propane (74-98-6):

Listed in the INSQ (National Inventory of Chemical Substances)

SECTION 16: Other information including those related to the preparation and updating of safety data sheets

Author Joshua Weir

Issue date : 6/19/2025

Full text of hazard classes and H-statements	
H222	Extremely flammable aerosol
H229	Pressurized container: may burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), Mexico, CRC

This information is considered accurate but is not exhaustive and shall only be used as a guideline based on current knowledge of the chemical substance or mixture. Safety precautions suitable for the product must be applied.

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 Industries de Mexico S. de R. L. de C. V.