



CRC® SP-400 Corrosion Inhibitor, 19 L

Safety Data Sheet

according to NOM-018-STPS-2015
Issue date: 4/7/2025 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® SP-400 Corrosion Inhibitor, 19 L
Product code : 1751543

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Corrosion inhibitors
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

Flammable liquids Category 3	H226	Flammable liquid and vapor.
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 3	H402	Harmful 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

Hazard statements (GHS MX) :

H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H336 - May cause drowsiness or dizziness

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Precautionary statements (GHS MX) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 - Ground/bond container and receiving equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P241 - Use explosion-proof electrical, ventilating, lighting equipment.
P261 - Avoid breathing mist, vapors, spray.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331 - Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
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.
P370 + P378 - In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.
P405 - Store locked up.
P403+P235 - Store in a well-ventilated place. Keep cool.
P233 - Keep container tightly closed.
P501 - Dispose of contents/container in accordance with local/regional/national regulations.

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	%
Mineral spirits	-	CAS-No.: 8052-41-3	15 - 40
Distillates (petroleum), hydrotreated light	Distillates (petroleum), hydrotreated light	CAS-No.: 64742-47-8	6 - 21
Naphtha (petroleum), hydrotreated heavy	Naphtha (petroleum), hydrotreated heavy	CAS-No.: 64742-48-9	0 - 9

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

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general : Call a physician immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

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 : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

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First-aid measures after ingestion : Call a physician immediately. Do not induce vomiting. 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. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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 : None under normal conditions.
Symptoms/effects after eye contact : None under normal conditions.
Symptoms/effects after ingestion : 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 spray. 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 : Flammable liquid and vapor.
Explosion hazard : No direct explosion hazard.
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.
Additional Regulatory Information : This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants.

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.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray.

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.

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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Stop leak if safe to do so. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Notify authorities if product enters sewers or public waters.
- 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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. 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 breathing mist, vapors, spray. 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. Wear personal protective equipment. For product usage instructions, see the product label.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a cool, dry place out of direct sunlight.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Mineral spirits (8052-41-3)	
Mexico - Occupational Exposure Limits	
Local name	Disolvente stoddard
OEL TWA	100 ppm
Remark (MX)	Daño a ojos, piel y riñón; náusea; 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.

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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, Neoprene.
Eye protection	: Wear safety glasses with side shields (or goggles).
Skin and body protection	: Wear suitable protective clothing
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
Molecular mass	: No data available
Color	: Dark, Amber
Odor	: Petroleum
Odor threshold	: No data available
pH	: No data available
Melting point	: -70 °C (-94 °F) estimated
Freezing point	: -70 °C (-94 °F) estimated
Boiling point	: 150 °C (302 °F)
Flash point	: 48.3 °C (119 °F)
Evaporation rate	: Slow
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Vapor pressure	: 2 hPa estimated
Relative vapor density at 20°C	: > 1 (air=1)
Relative density	: 0.87
Solubility	: Insoluble in water.
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

9.2. Additional Regulatory Information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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10.4. Conditions to avoid

Avoid temperatures exceeding the flash point. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Avoid contact with hot surfaces.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

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

Mineral spirits (8052-41-3)

LD50 oral rat	5000 mg/kg Source: ChemIDplus
LD50 dermal rabbit	> 3000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5.5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
ATE MX (oral)	5000 mg/kg body weight
ATE MX (dermal)	2500 mg/kg body weight

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 (Dust/Mist)	> 5.2 mg/l Source: IUCLID

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 3160 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	> 5610 mg/l
ATE MX (dermal)	2500 mg/kg body weight

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
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)]
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STOT-single exposure : May cause drowsiness or dizziness.

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Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified.
Mineral spirits (8052-41-3)	
NOAEL (oral, rat, 90 days)	1056 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
Aspiration hazard	: May be fatal if swallowed and enters airways.
Mineral spirits (8052-41-3)	
Viscosity, kinematic	0.9 – 1.6 mm ² /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm ² /s)'
Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
Viscosity, kinematic	< 1 mm ² /s
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	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: Aspiration may cause pulmonary edema and pneumonitis.

SECTION 12: Ecological information

12.1. Toxicity

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

Mineral spirits (8052-41-3)	
LC50 - Fish [1]	2.5 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 96h - Algae [1]	0.58 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
NOEC (chronic)	0.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Distillates (petroleum), hydrotreated light (64742-47-8)	
LC50 - Fish [1]	2.4 mg/l Source: ECOTOX
Naphtha (petroleum), hydrotreated heavy (64742-48-9)	
LC50 - Fish [1]	2200 mg/l Source: IUCLID
LC50 - Other aquatic organisms [1]	2.6 mg/l Source: IUCLID
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea

12.2. Persistence and degradability

CRC® SP-400 Corrosion Inhibitor, 19 L	
Persistence and degradability	No data is available on the degradability of this product.

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12.3. Bioaccumulative potential

Mineral spirits (8052-41-3)

Partition coefficient n-octanol/water (Log Pow) 3.16 – 7.06 Source: ICSC

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

Partition coefficient n-octanol/water (Log Pow) 3.3 – 6 Source: IUCLID

Naphtha (petroleum), hydrotreated heavy (64742-48-9)

Partition coefficient n-octanol/water (Log Pow) 2.1 – 6 Source: IUCLID

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 : Disposal must be done according to official regulations.
Regional waste regulation : Dispose of contents/container in accordance with local/regional/national regulations.
Additional information : Flammable vapors may accumulate in the container. Do not re-use empty containers.
Sewage disposal recommendations : Do not allow to enter sewers, surface or groundwater. Disposal must be done according to official regulations.
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		
1268	1268	1268
14.2. Proper Shipping Name		
PETROLEUM PRODUCTS, N.O.S.	PETROLEUM PRODUCTS, N.O.S.	Petroleum products, n.o.s.
14.3. Transport hazard class(es)		
3	3	3
		
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
No supplementary information available		

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14.6. Special precautions for user

NOM

Class (NOM/SCT)	: 3 - Flammable liquids
Special provisions (NOM/SCT)	: 223
Limited quantities (NOM/SCT)	: 5L
Excepted quantities (NOM/SCT)	: E1
Packing instruction (NOM/SCT)	: P001, IBC03, LP01
Portable tank and bulk container instructions (NOM/SCT)	: T4
Portable tank and bulk container special provisions (NOM/SCT)	: TP1, TP29

IMDG

Class (IMDG)	: 3 - Flammable liquids
Special provision (IMDG)	: 223, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Immiscible with water.

IATA

Class (IATA)	: 3 - Flammable Liquids
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provision (IATA)	: A3
ERG code (IATA)	: 3L

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

Mineral spirits (8052-41-3):

Listed in the INSQ (National Inventory of Chemical Substances)

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

Listed in the INSQ (National Inventory of Chemical Substances)

Naphtha (petroleum), hydrotreated heavy (64742-48-9):

Listed in the INSQ (National Inventory of Chemical Substances)

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

Other information
Author

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Angelina Cibulskis

Issue date : 4/7/2025

Full text of hazard classes and H-statements	
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness
H402	Harmful 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.