

# Safety Data Sheet

## 203 LIMCO PREPAINT CLEANER

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### 1. Identification

#### Product identifier used on the label

## 203 LIMCO PREPAINT CLEANER

#### Recommended use of the chemical and restriction on use

Recommended use\*: Paints, Coatings and Related Materials; for industrial use only

Unsuitable for use: Not intended for sale to or use by the general public.

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF Canada Inc.  
5025 Creekbank Road  
Building A, Floor 2  
Mississauga, ON, L4W 0B6, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Chemical family: Coating  
Synonyms: PAINT RELATED MATERIAL

### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

##### Classification of the product

Aquatic Acute	2	Hazardous to the aquatic environment - acute
STOT RE	1	Specific target organ toxicity — repeated exposure
Skin Corr./Irrit.	2	Skin corrosion/irritation
Repr.	2 (fertility)	Reproductive toxicity

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Repr. STOT SE	2 (unborn child) 3 (Vapours may cause drowsiness and dizziness.)	Reproductive toxicity Specific target organ toxicity — single exposure
Aquatic Chronic Flam. Liq.	2 2	Hazardous to the aquatic environment - chronic Flammable liquids

### Label elements

Pictogram:



Signal Word:  
Danger

Hazard Statement:

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility. Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H373	May cause damage to organs (Central nervous system, Peripheral nervous system) through prolonged or repeated exposure.
H372	Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P271	Use only outdoors or in a well-ventilated area.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264	Wash contaminated body parts thoroughly after handling.
P242	Use only non-sparking tools.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P270	Do not eat, drink or smoke when using this product.
P260	Do not breathe dust or mist.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P243	Take action to prevent static discharges.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P201	Obtain special instructions before use.

Precautionary Statements (Response):

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P312	Call a POISON CENTER or physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P370 + P378	In case of fire: Use water spray for extinction.
P314	Get medical advice/attention if you feel unwell.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P332 + P313	If skin irritation occurs: Get medical attention.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical attention.
P391	Collect spillage.

### Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

### Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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### Hazards not otherwise classified

No applicable information available.

## 3. Composition / Information on Ingredients

### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### 2-Propanol

CAS Number: 67-63-0  
Content (W/W):  $\geq 5.0$  -  $< 7.0\%$   
Synonym: Isopropyl alcohol

#### ethylbenzene

CAS Number: 100-41-4  
Content (W/W):  $\geq 0.1$  -  $< 0.2\%$   
Synonym: Ethylbenzene

#### octane

CAS Number: 111-65-9  
Content (W/W):  $\geq 1.0$  -  $< 3.0\%$   
Synonym: n-Octan

#### heptane

CAS Number: 142-82-5  
Content (W/W):  $\geq 1.0$  -  $< 3.0\%$   
Synonym: n-Heptane; Heptane

#### Naphtha (petroleum), hydrodesulfurized heavy, Flpoint $< 55^{\circ}\text{C}$

CAS Number: 64742-82-1  
Content (W/W):  $\geq 7.0$  -  $< 10.0\%$   
Synonym: No data available.

solvent naphtha, light aliph., Low boiling P.,  $< 0,1\%$  benzene

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CAS Number: 64742-89-8

Content (W/W):  $\geq 75.0$  -  $\leq 100.0\%$

Synonym: No data available.

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

##### If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

##### If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

##### If swallowed:

Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water.

#### Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: 2-Propanol*

*Symptoms: Overexposure may cause:, headache, dizziness, coordination disorder, coma, abdominal cramps, nausea, vomiting*

*Information on: octane*

*Symptoms: Overexposure may cause:, aspiration pneumonia, stupor, headache, dizziness*

*Information on: heptane*

*Symptoms: Overexposure may cause:, unconsciousness, aspiration pneumonia, coordination disorder, loss of appetite, dizziness, stupor, nausea*

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: solvent naphtha, light aliph., Low boiling P., <0,1% benzene*

*Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

#### Indication of any immediate medical attention and special treatment needed

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### Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:

carbon dioxide, foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:

water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use antistatic tools. Extinguish sources of ignition nearby and downwind. Avoid prolonged inhalation. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Dike spillage. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

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## 7. Handling and Storage

### Precautions for safe handling

Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Protection against fire and explosion:

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Risk of explosion if heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up.

### Conditions for safe storage, including any incompatibilities

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from strong acids.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

Storage stability:

Consult local fire marshal for storage requirements.

Protect from temperatures above: 49 °C

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

2-Propanol	ACGIH, US:	STEL value 400 ppm ;
	ACGIH, US:	TWA value 200 ppm ;
	OSHA Z1:	PEL 400 ppm 980 mg/m3 ;
ethylbenzene	ACGIH, US:	TWA value 20 ppm ;
	OSHA Z1:	PEL 100 ppm 435 mg/m3 ;
octane	ACGIH, US:	TWA value 300 ppm ;
	OSHA Z1:	PEL 500 ppm 2,350 mg/m3 ;
heptane	ACGIH, US:	TWA value 400 ppm ;
	ACGIH, US:	STEL value 500 ppm ;
	OSHA Z1:	PEL 500 ppm 2,000 mg/m3 ;
Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C	ACGIH, US:	TWA value 100 ppm ;
	OSHA Z1:	PEL 500 ppm 2,900 mg/m3 ;
solvent naphtha, light aliph., Low boiling P., <0,1%	OSHA Z1:	PEL 100 ppm 400 mg/m3 ;
benzene		

### Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

### Personal protective equipment

#### Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

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### Hand protection:

Use appropriate chemically impervious gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

### Eye protection:

Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).

### Body protection:

Body protection must be chosen based on level of activity and exposure.

### General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	No data available.	
Odour threshold:	No applicable information available.	
Colour:	water white, clear	
pH value:	No applicable information available.	
Melting point:	No applicable information available.	
Freezing point:	No applicable information available.	
Boiling range:	82.00 - 157.22 °C	
Sublimation point:	No applicable information available.	
Flash point:	12.00 °C	
Flammability:	No applicable information available.	
Lower explosion limit:	0.90 %(V)	
Upper explosion limit:	12.00 %(V)	
Autoignition:	No applicable information available.	
Vapour pressure:	19.04 mmHg ( 20 °C)	
Density:	0.7579 g/cm3 ( 20 °C)	(calculated)
Relative density:	0.7579 ( 20 °C)	
Vapour density:	No applicable information available.	
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.	
Thermal decomposition:	No applicable information available.	
Viscosity, dynamic:	No applicable information available.	
Viscosity, kinematic:	> 20.500 mm2/s	
Solubility in water:	No applicable information available.	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Molar mass:	No applicable information available.	
Evaporation rate:	No applicable information available.	

## 10. Stability and Reactivity

### Reactivity

No applicable information available.

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### Chemical stability

The product is chemically stable.

### Possibility of hazardous reactions

No applicable information available.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

### Incompatible materials

strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

Decomposition products:

carbon dioxide, carbon monoxide

Thermal decomposition:

No applicable information available.

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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Based on available data, the classification criteria are not met.

#### *Information on: 2-Propanol*

*Assessment of acute toxicity: Of low toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. High concentrations in the air may cause narcosis. If used as intended, this product is not expected to present a physical or health hazard.*

#### *Information on: ethylbenzene*

*Assessment of acute toxicity: Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. Of low toxicity after single ingestion.*

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#### Oral

Type of value: LD50

Species: rat

Value: 4,396.000000 mg/kg

#### Inhalation

Type of value: LC50

Species: rat

Value: 62.000000 mg/l

#### Dermal

Type of value: LD50

Species: rabbit

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Value: > 3,400.000000 mg/kg

### Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

### Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation.

#### *Information on: 2-Propanol*

*Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.*

#### *Information on: ethylbenzene*

*Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.*

#### *Information on: octane*

*Assessment of irritating effects: Irritating to eyes and skin.*

*Skin contact causes irritation. EU-classification Not irritating to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

#### *Information on: heptane*

*Assessment of irritating effects: Skin contact causes irritation. Not irritating to the eyes.*

#### *Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Assessment of irritating effects: Not irritating to the eyes. Skin contact causes irritation.*

#### *Information on: solvent naphtha, light aliph., Low boiling P., <0,1% benzene*

*Assessment of irritating effects: Skin contact causes irritation. Not irritating to the eyes.*

### Sensitization

Assessment of sensitization: Based on available data, the classification criteria are not met.

### Aspiration Hazard

No aspiration hazard expected.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure to small quantities may affect certain organs.

#### *Information on: 2-Propanol*

*Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated inhalation.*

#### *Information on: ethylbenzene*

*Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.*

#### *Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Assessment of repeated dose toxicity: Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and are known to be of no relevance*

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*to humans. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.*

*EU-classification Repeated exposure to small quantities may affect certain organs. Damages the central nerve system.*

*Information on: solvent naphtha, light aliph., Low boiling P., <0,1% benzene*

*Assessment of repeated dose toxicity: Repeated exposure to large quantities may affect certain organs. Damages the kidneys. Due to the species specific mode of action, the effects are not expected to occur in humans. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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### Genetic toxicity

Assessment of mutagenicity: Based on available data, the classification criteria are not met.

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Assessment of mutagenicity: Capable of causing genetic defects. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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### Carcinogenicity

Assessment of carcinogenicity: Based on available data, the classification criteria are not met.

*Information on: ethylbenzene*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Assessment of carcinogenicity: The substance caused cancer in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.*

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### Reproductive toxicity

Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect.

*Information on: Naphtha (petroleum), hydrodesulfurized heavy, Flpoint < 55°C*

*Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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### Teratogenicity

Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

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## 12. Ecological Information

### Additional information

Other ecotoxicological advice:

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Acutely toxic for aquatic organisms.

### 13. Disposal considerations

#### Waste disposal of substance:

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Must be disposed of or incinerated in accordance with local regulations.

#### Container disposal:

WARNING: Empty containers may still contain hazardous residue.

### 14. Transport Information

#### Land transport

TDG

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT RELATED MATERIAL

#### Sea transport

IMDG

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Marine pollutant: NO  
Proper shipping name: PAINT RELATED MATERIAL

#### Air transport

IATA/ICAO

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT RELATED MATERIAL

### 15. Regulatory Information

#### Federal Regulations

#### Registration status:

Chemical DSL, CA released / listed

#### NFPA Hazard codes:

Health: 2 Fire: 3 Reactivity: 0 Special:

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### 16. Other Information

**SDS Prepared by:**  
BASF NA Product Regulations  
SDS Prepared on: 2022/03/18

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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END OF DATA SHEET