



We create chemistry

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 1/12

(30091084/SDS_GEN_CA/EN)

1. Identification

Product identifier used on the label

Lupasol® SC 61 B

Recommended use of the chemical and restriction on use

Recommended use*: formulation auxiliary for the chemical industry

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

Substance number: 99195

Chemical family: ethoxylated

Synonyms: hydroxyethylated polyethyleneimine Use: formulation auxiliary for the chemical industry, product for water conditioning

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 2/12

(30091084/SDS_GEN_CA/EN)

2. Hazards Identification

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

Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 35 - 45 %

3. Composition / Information on Ingredients

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

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

4. First-Aid Measures

Description of first aid measures

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 3/12

(30091084/SDS_GEN_CA/EN)

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

If on skin:

Wash thoroughly with soap and water

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: No applicable information available.

Indication of any immediate medical attention and special treatment neededNote to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, foam

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
harmful vapours, nitrogen oxides, carbon oxides
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 4/12

(30091084/SDS_GEN_CA/EN)

Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus in confined areas or when exposed to combustion products.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures, see section 8.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

Keep container tightly closed. Protect from the effects of light.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Stainless steel 1.4301 (V2), Stainless steel 1.4401, Carbon steel (Iron), tinned carbon steel (Tinplate)

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 5/12

(30091084/SDS_GEN_CA/EN)

Further information on storage conditions: Keep container tightly closed in a cool, well-ventilated place. Keep at temperature not exceeding 30 °C.

8. Exposure Controls/Personal Protection

No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:

Chemical resistant protective gloves

Eye protection:

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

Body protection:

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

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild, amine-like
Odour threshold:	Not determined due to potential health hazard by inhalation.
Colour:	slightly yellow
pH value:	12
Freezing point:	not determined

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 6/12

(30091084/SDS_GEN_CA/EN)

Boiling point:	approx. 100 °C (1,013 hPa)
Flash point:	> 100 °C Aqueous preparation
Flammability:	not determined
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	not determined
Vapour pressure:	< 0.35 mmHg (20 °C)
Density:	approx. 1.08 g/cm ³ (20 °C)
Relative density:	approx. 1.08
Vapour density:	not determined
Partitioning coefficient n-octanol/water (log Pow):	Study does not need to be conducted.
Self-ignition temperature:	not self-igniting
Thermal decomposition:	not determined
Viscosity, dynamic:	not determined
Viscosity, kinematic:	No data available.
Particle size:	The substance / product is marketed or used in a non solid or granular form.
Solubility in water:	soluble
Evaporation rate:	not determined
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 7/12

(30091084/SDS_GEN_CA/EN)

Corrosion to metals:
No corrosive effect on metal.

Oxidizing properties:
not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials

mercaptans, metal, oxidizing agents, reducing agents, strong acids, bases

Hazardous decomposition products

Decomposition products:
Hazardous decomposition products: carbon monoxide, carbon dioxide, nitrogen oxides

Thermal decomposition:
not determined

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

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 8/12

(30091084/SDS_GEN_CA/EN)

Assessment of acute toxicity: Of low toxicity after single ingestion.

Oral

Type of value: LD50

Species: rat

Value: > 2,000 - < 5,000 mg/kg (OECD Guideline 423)

Information on: Aziridine, homopolymer, ethoxylated

Type of value: LD50

Species: rat

Value: > 2,000 - < 5,000 mg/kg (OECD Guideline 423)

Inhalation

Type of value: LC50

Species: rat

not determined

Dermal

Type of value: LD50

Species: rat

not determined

Assessment other acute effects

No data available.

Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

Skin

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

Eye

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 9/12

(30091084/SDS_GEN_CA/EN)

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: No data available.

Other Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information

Toxicity

Aquatic invertebrates

EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)
Nominal concentration. Limit concentration test only (LIMIT test).

Aquatic plants

EC50 (72 h), algae
not determined

Chronic toxicity to fish

No data available.

Chronic toxicity to aquatic invertebrates

No data available.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

DIN EN ISO 8192-OECD 209-88/302/EEC, P. C aquatic
activated sludge, domestic/EC20 (30 min): > 1,000 mg/l
Nominal concentration.

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 10/12

(30091084/SDS_GEN_CA/EN)

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Not readily biodegradable (by OECD criteria).

Elimination information

10 - 20 % DOC reduction (28 d) (OECD 301 A (new version)) (aerobic, activated sludge, domestic)

Bioaccumulative potential

Assessment bioaccumulation potential

Significant accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

Additional information

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Dispose of in accordance with national, state and local regulations.



We create chemistry

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 11/12

(30091084/SDS_GEN_CA/EN)

14. Transport Information

Land transport

TDG

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released / listed

NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2020/08/20



We create chemistry

Safety Data Sheet

Lupasol® SC 61 B

Revision date : 2020/08/20

Version: 7.0

Page: 12/12

(30091084/SDS_GEN_CA/EN)

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.

Lupasol® SC 61 B is a registered trademark of BASF Canada or BASF SE
END OF DATA SHEET