

# Safety Data Sheet

## Loxanol® CA 5130

Revision date : 2018/10/12

Version: 4.0

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(30564868/SDS\_GEN\_MX/EN)

### 1. Identification

#### Product identifier used on the label

## Loxanol® CA 5130

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

Recommended use\*: Chemical used in synthesis and/or formulation of industrial products

Recommended use\*: Chemical

\* 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 Mexicana S.A. de C.V.  
Av. Insurgentes Sur 975  
Col. CD. De Los Deportes,  
C.P. 03710 Ciudad de México  
MÉXICO

Telephone: +52 55 5325 2600

#### Emergency telephone number

SETIQ: 1800-00-214-(Rep. Mexicana) or 55-59-15-88 (CDMX)

Telephone: +1-800-849-5204 or +1-833-229-1000

#### Other means of identification

Chemical family: alcohols

Synonyms: Loxanol CA 5130. Use: Raw material for the chemical-technical industry

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### 2. Hazards Identification

#### According to Regulation NOM-018-STPS-2015

#### Classification of the product

Skin Sens. 1  
Aquatic Acute 3

Skin sensitization  
Hazardous to the aquatic environment - acute

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### Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H317 May cause an allergic skin reaction.  
H402 Harmful to aquatic life.

Precautionary Statements (Prevention):

P280 Wear protective gloves.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.  
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

### 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: 100 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % Inhalation - mist

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## 3. Composition / Information on Ingredients

### According to Regulation NOM-018-STPS-2015

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
9064-13-5	>= 25.0 - < 50.0%	Fatty alcohol alkoxyolate
	>= 50.0 - < 75.0%	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(methylphenyl)-.omega.- hydroxy-

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## 4. First-Aid Measures

### Description of first aid measures

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### General advice:

Remove contaminated clothing.

### If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

### 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: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: In sensitized individuals, sensitization reactions may be elicited by structurally similar substances.

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

#### 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:  
water spray, dry powder, foam, carbon dioxide

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Wear a self-contained breathing apparatus.

### Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

#### **Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

#### **Environmental precautions**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

#### **Methods and material for containment and cleaning up**

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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### 7. Handling and Storage

#### **Precautions for safe handling**

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Take precautionary measures against static discharges.

#### **Conditions for safe storage, including any incompatibilities**

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

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### 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

#### **Personal protective equipment**

##### **Respiratory protection:**

Respiratory protection in case of vapour/aerosol release.

##### **Hand protection:**

Chemical resistant protective gloves (EN 374), Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374); nitrile rubber (NBR) - 0.4 mm coating thickness, Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing., Manufacturer's directions for use should be observed because of great diversity of types.

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### Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

### General safety and hygiene measures:

Note! The engaged personal protective equipment should meet the requirements of the ministry for work and social politics from March, 31st, 2003 regarding the requirements for personal protective equipment (law gazette no. 80, pos. 725). (Poland) Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

## 9. Physical and Chemical Properties

Form:	liquid
Odour:	faint odour
Odour threshold:	not determined
Colour:	clear to slightly amber
pH value:	neutral to slightly alkaline
Freezing point:	< 10 °C
Boiling point:	> 120 °C
Flash point:	> 100 °C
Flammability:	not flammable
Lower explosion limit:	For liquids not relevant for classification and labelling.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	not determined
Density:	0.983 g/cm <sup>3</sup> ( 20 - 25 °C)
Partitioning coefficient n-octanol/water (log Pow):	not determined
Thermal decomposition:	not determined
Viscosity, dynamic:	83 mPa.s ( 25 °C)
Solubility in water:	insoluble
Miscibility with water:	immiscible
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
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.

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 MSDS section 7 - Handling and storage.

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### Incompatible materials

strong oxidizing agents, strong reducing agents, reactive chemicals

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

not determined

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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

#### Oral

Type of value: LD50

Species: rat

Value: approx. 6,000 mg/kg (BASF-Test)

#### Skin

Species: rabbit

Result: non-irritant

Method: BASF-Test

May cause slight irritation to the skin.

#### Eye

Species: rabbit

Result: non-irritant

Method: BASF-Test

#### Sensitization

*Information on: Proprietary polymer*

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#### Aspiration Hazard

No aspiration hazard expected.

### Chronic Toxicity/Effects

#### Repeated dose toxicity

Assessment of repeated dose toxicity: No known chronic effects.

#### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

#### Carcinogenicity

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Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Experimental/calculated data: Not listed as a carcinogen by OSHA, IARC, & NTP.

### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

### Reproduction

Experimental/calculated data: not applicable

### Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect.

### Development

No teratogenic effects. The product has not been tested. The statement has been derived from the properties of the individual components.

### Other Information

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

## Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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## 12. Ecological Information

### Toxicity

#### Toxicity to fish

LC50 (96 h) approx. 53 mg/l, *Leuciscus idus* (DIN 38412 Part 15, static)

#### Aquatic invertebrates

EC50 (48 h) 116.47 mg/l, *Daphnia magna* (OECD Guideline 202, part 1, static)

The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested. Nominal concentration.

#### Aquatic plants

EC50 (72 h) > 100 mg/l (growth rate), *Scenedesmus subspicatus* (OECD Guideline 201, static)

Nominal concentration.

### Microorganisms/Effect on activated sludge

#### Toxicity to microorganisms

OECD Guideline 209 aerobic

activated sludge, domestic/EC20 (0.5 h): > 1,000 mg/l

### Persistence and degradability

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

Readily biodegradable (according to OECD criteria).

#### Elimination information

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80 - 90 % BOD of the ThOD (28 d) (OECD Guideline 301 F) (aerobic, activated sludge, domestic)

### Bioaccumulative potential

#### Bioaccumulation potential

Bioconcentration factor: (calculated)

No significant accumulation in organisms is expected as a result of the distribution coefficient of n-octanol/water (log Pow).

### Mobility in soil

#### Assessment transport between environmental compartments

No data available.

### Additional information

Other ecotoxicological advice:

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

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## 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.

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## 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

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## 15. Regulatory Information

### Federal Regulations

Not applicable



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**NFPA Hazard codes:**

Health: 2      Fire: 1      Reactivity: 0      Special:

**HMIS III rating**

Health: 2      Flammability: 1      Physical hazard: 0

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### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2018/10/12

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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.

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