

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30

Version: 5.0

Page: 1/10

(30519104/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

## Golpanol® MBS Granules N

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

Recommended use\*: chemical for industrial metal-working

Recommended use\*: Chemical

Suitable for use in industrial sector: chemical industry; textile industry

\* 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 Creebank Road

Building A, Floor 2

Mississauga, ON, L4W 0B6, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

CHEMTREC: 1-800-424-9300

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

#### Other means of identification

Chemical family: organic compounds

Synonyms: organic compounds

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### 2. Hazards Identification

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

#### Classification of the product

Eye Dam./Irrit.

2A

Serious eye damage/eye irritation

Skin Sens.

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Skin sensitization

#### Label elements

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 2/10  
(30519104/SDS\_GEN\_CA/EN)

Pictogram:



Signal Word:  
Warning

Hazard Statement:

H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye protection or face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or 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.  
P337 + P311 If eye irritation persists: Call a POISON CENTER or physician.

Precautionary Statements (Disposal):

P501 Dispose of contents and 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: 3 %

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## 3. Composition / Information on Ingredients

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

3-nitrobenzenesulphonate, Na-Salt  
CAS Number: 127-68-4  
Content (W/W): 75.0 - 100.0%  
Synonym: 3-Nitrobenzenesulfonic acid sodium salt; Ludigol

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## 4. First-Aid Measures

### Description of first aid measures

**General advice:**

Remove contaminated clothing.

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 3/10  
(30519104/SDS\_GEN\_CA/EN)

### If inhaled:

Keep patient calm, remove to fresh air, 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, consult an eye specialist.

### If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

*Information on: 3-nitrobenzenesulphonate, Na-Salt*

*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

### 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:  
dry powder, foam

Unsuitable extinguishing media for safety reasons:  
carbon dioxide

### Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

### 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:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 4/10  
(30519104/SDS\_GEN\_CA/EN)

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### 6. Accidental release measures

#### Further accidental release measures:

Avoid the formation and build-up of dust - danger of dust explosion. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition.

#### Further accidental release measures:

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

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

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

#### **Environmental precautions**

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

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

For small amounts: Contain with dust binding material and dispose of.

For large amounts: Pick up with suitable appliance and dispose of.

Avoid raising dust. Dispose of absorbed material in accordance with regulations.

Nonsparking tools should be used.

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### 7. Handling and Storage

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

Provide exhaust ventilation.

#### Protection against fire and explosion:

Avoid dust formation. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (2013 Edition) for safe handling.

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

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

Avoid all sources of ignition: heat, sparks, open flame.

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### 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 5/10  
(30519104/SDS\_GEN\_CA/EN)

### Personal protective equipment

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Tightly fitting safety goggles (chemical goggles) and face shield.

#### **Body protection:**

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

#### **General safety and hygiene measures:**

Wearing of closed work clothing is required additionally to the stated personal protection equipment. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and Chemical Properties

Form:	granules, needles	
Odour:	odourless	
Colour:	yellowish	
pH value:	7 - 9	
	( 100 g/l, 20 °C)	
Melting point:	approx. 300 °C	
boiling temperature:	approx. 350 °C	
	( 1,013 hPa)	
Flash point:	> 100 °C	(DIN 51758, closed cup)
Flammability:	not determined	
Lower explosion limit:	For solids not relevant for classification and labelling.	
Upper explosion limit:	For solids not relevant for classification and labelling.	
Vapour pressure:	not applicable	
Density:	approx. 0.45 g/cm <sup>3</sup>	
	( 20 °C)	
Bulk density:	approx. 450 kg/m <sup>3</sup>	
Vapour density:	The product is a non-volatile solid.	
Partitioning coefficient n-octanol/water (log Pow):	-2.61	
Viscosity, dynamic:	not applicable, the product is a solid	
Viscosity, kinematic:	not applicable, the product is a solid	
Particle size:	No data available.	
Solubility in water:	approx. 200 g/l	
	( 20 °C)	
Solubility (qualitative):	soluble	
	solvent(s): polar solvents,	
Evaporation rate:	The product is a non-volatile solid.	

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## 10. Stability and Reactivity

### **Reactivity**

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

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 6/10  
(30519104/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.

Peroxides: 0 %  
The product does not contain peroxides.

### Possibility of hazardous reactions

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

### Conditions to avoid

### Incompatible materials

### Hazardous decomposition products

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

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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: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation.

#### Oral

Type of value: LD50  
Species: rat  
Value: > 5,000 mg/kg (BASF-Test)

#### Inhalation

Type of value: LC50  
Species: rat  
Value: > 5 mg/l  
Exposure time: 4 h

#### Dermal

Type of value: LD50  
not determined

#### Irritation / corrosion

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

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 7/10  
(30519104/SDS\_GEN\_CA/EN)

*Information on: 3-nitrobenzenesulphonate, Na-Salt*  
*Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.*  
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### Skin

Species: rabbit  
Result: non-irritant  
Method: Draize test

### Eye

Species: rabbit  
Result: Irritant.  
Method: Draize test

### Sensitization

Assessment of sensitization: May cause sensitization by skin contact.

*Information on: 3-nitrobenzenesulphonate, Na-Salt*  
*Assessment of sensitization:*  
*sensitizing effect in animal tests*  
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Guinea pig maximization test  
Species: guinea pig  
Result: sensitizing  
Method: Directive 84/449/EEC, B.6

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects.

### Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria. The substance was not mutagenic in a test with mammals.

### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: No data available.

### Teratogenicity

Assessment of teratogenicity: No reliable data was available concerning teratogenicity.

### Experiences in humans

If handled constantly, there is a risk of skin allergy.

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## **12. Ecological Information**

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 8/10  
(30519104/SDS\_GEN\_CA/EN)

### Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish

LC50 (96 h) > 100 mg/l, *Leuciscus idus*

Aquatic invertebrates

EC50 (48 h) > 100 mg/l, *Daphnia magna*

Aquatic plants

EC50 (72 h) > 100 mg/l

Chronic toxicity to fish

Study scientifically not justified.

Chronic toxicity to aquatic invertebrates

Study scientifically not justified.

Assessment of terrestrial toxicity

No data available concerning terrestrial toxicity.

### Microorganisms/Effect on activated sludge

Toxicity to microorganisms

DEV-L2 : > 1,000 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

### Persistence and degradability

Elimination information

> 90 % COD reduction (28 d) (OECD 302B; ISO 9888; 88/302/EEC,part C) Easily eliminated from water.

### Bioaccumulative potential

Bioaccumulation potential

Because of the n-octanol/water distribution coefficient (log Pow) 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

Sum parameter

Chemical oxygen demand (COD): 990 mg/g

Biochemical oxygen demand (BOD): 150 mg/g

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30  
Version: 5.0

Page: 9/10  
(30519104/SDS\_GEN\_CA/EN)

Adsorbable organically-bound halogen (AOX):  
This product contains no organically-bound halogen.

Other ecotoxicological advice:  
Do not release untreated into natural waters.

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### 13. Disposal considerations

**Waste disposal of substance:**

Must be disposed of or incinerated in accordance with local regulations.  
Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

**Container disposal:**

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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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**

**Registration status:**

Chemical            DSL, CA    released / listed

**NFPA Hazard codes:**

Health: 2        Fire: 1        Reactivity: 0        Special:

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### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2020/03/30

# Safety Data Sheet

## Golpanol® MBS Granules N

Revision date : 2020/03/30

Page: 10/10

Version: 5.0

(30519104/SDS\_GEN\_CA/EN)

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