

# Safety data sheet

Page: 1/18

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Forum®**

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: crop protection product, fungicide

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

Company:  
BASF SE  
67056 Ludwigshafen  
GERMANY  
Operating Division Crop Protection

Telephone: +49 621 60-27777  
E-mail address: Produktinformation-Pflanzenschutz@basf.com

### 1.4. Emergency telephone number

International emergency number:  
Telephone: +49 180 2273-112

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

For the classification of the mixture the following methods have been applied: extrapolation on the concentration levels of the hazardous substances, on basis of test results and after evaluation of experts. The methodologies used are mentioned at the respective test results.

According to Regulation (EC) No 1272/2008 [CLP]

Acute Tox. 4 (oral)                      H302 Harmful if swallowed.

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

Eye Dam. 1	H318 Causes serious eye damage.
Repr. 1B	H360F May damage fertility.
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.

For the classifications not written out in full in this section the full text can be found in section 16.

## 2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Globally Harmonized System, EU (GHS)

Pictogram:



Signal Word:

Danger

Hazard Statement:

H318	Causes serious eye damage.
H302	Harmful if swallowed.
H360F	May damage fertility.
H411	Toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary Statement:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
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.
P310	Immediately call a POISON CENTER or physician.
P308 + P313	IF exposed or concerned: Get medical attention.
P330	Rinse mouth.
P391	Collect spillage.

Precautionary Statements (Storage):

P405	Store locked up.
------	------------------

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

#### Precautionary Statements (Disposal):

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

#### Labeling of special preparations (GHS):

EUH208: May produce an allergic reaction. Contains: benzyl alcohol, Dibenzyl-ether  
Restricted to professional users.

Hazard determining component(s) for labelling: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine, benzyl alcohol

### 2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Chemical nature

crop protection product, fungicide, Dispersible Concentration (DC)

Regulatory relevant ingredients

dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine

Content (W/W): 13.86 %	Repr. 1B (fertility)
CAS Number: 110488-70-5	Aquatic Chronic 2
EC-Number: 404-200-2	H360F, H411
INDEX-Number: 613-102-00-0	

Substance with EU occupational exposure limit

benzyl alcohol

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

<p>Content (W/W): &lt; 80 % CAS Number: 100-51-6 EC-Number: 202-859-9 REACH registration number: 01-2119492630-38 INDEX-Number: 603-057-00-5</p> <p>Substance with EU occupational exposure limit</p>	<p>Acute Tox. 4 (oral) Eye Irrit. 2 Skin Sens. 1B H319, H302, H317</p> <p><u>Acute toxicity estimate:</u> oral: 1,200 mg/kg</p>
<p>Poly(oxy-1,2-ethanediyl), .alpha.-[tris(1-phenylethyl)phenyl]-.omega.-hydroxy- Content (W/W): &lt; 10 % CAS Number: 99734-09-5</p>	<p>Aquatic Chronic 3 H412</p>
<p>Ethanol, 2,2',2"-nitrilotris-,cmpd. with alpha-[2,4,6-tris(1-phenylethyl) phenyl]-omega-hydroxypoly(oxy-1,2-ethanediyl) phosphate Content (W/W): &lt; 10 % CAS Number: 105362-40-1</p>	<p>Aquatic Chronic 3 H412</p>
<p>2-methylaminoethanol Content (W/W): &lt; 1 % CAS Number: 109-83-1 EC-Number: 203-710-0 REACH registration number: 01-2119492297-26 INDEX-Number: 603-080-00-0</p>	<p>Acute Tox. 4 (oral) Acute Tox. 4 (dermal) Skin Corr. 1B Eye Dam. 1 Repr. 2 (fertility) Repr. 2 (unborn child) STOT SE 3 (irr. to respiratory syst.) STOT RE (Kidney, Testes, Liver, Spleen, Ovaries, Epididymis) 2 H335, H361fd, H314, H302 + H312, H373</p> <p><u>Specific concentration limit:</u> STOT SE 3, irr. to respiratory syst.: &gt;= 5 %</p>
<p>Dibenzyl-ether Content (W/W): &lt; 0.5 % CAS Number: 103-50-4 EC-Number: 203-118-2</p>	<p>Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1 M-factor acute: 1 M-factor chronic: 1 H411</p>

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

## SECTION 4: First-Aid Measures

### 4.1. Description of first aid measures

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

On skin contact:

Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

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

### 4.2. 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., (Further) symptoms and / or effects are not known so far

Hazards: 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. (Further) symptoms and / or effects are not known so far

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

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

---

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing media

Suitable extinguishing media:

water spray, carbon dioxide, foam, dry powder

Unsuitable extinguishing media for safety reasons:

water jet

### 5.2. Special hazards arising from the substance or mixture

Endangering substances: Carbon monoxide, Carbon dioxide, Hydrochloric acid, nitrogen oxides, halogenated compounds, Phosphorus compounds

---

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

---

Advice: The substances/groups of substances mentioned can be released in case of fire.

### **5.3. Advice for fire-fighters**

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

---

## **SECTION 6: Accidental Release Measures**

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

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not breathe vapour/spray.

### **6.2. Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

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

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

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Wear suitable protective equipment.

### **6.4. Reference to other sections**

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

---

## **SECTION 7: Handling and Storage**

### **7.1. Precautions for safe handling**

Ensure thorough ventilation of stores and work areas. No special measures necessary if stored and handled correctly. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

Vapours may form ignitable mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

## 7.2. Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Storage stability:

Storage duration: 36 Months

Protect from temperatures below: 0 °C

Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.

Protect from temperatures above: 54 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

## 7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

---

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Components with occupational exposure limits

100-51-6: Benzyl alcohol

110488-70-5: dimethomorph (ISO)

TWA value 0.67 mg/m<sup>3</sup> (BASF recomm. occupational exposure limit)

### 8.2. Exposure controls

#### Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

Hand protection:

Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

#### General safety and hygiene measures

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

State of matter:	liquid	
Form:	liquid	
Colour:	yellow	
Odour:	faintly aromatic	
Odour threshold:	Not determined due to potential health hazard by inhalation.	
crystallization temperature:	< -20 °C	
Boiling point:	approx. 205.3 °C	
Flammability:	Information applies to the solvent.	
Lower explosion limit:	not applicable	
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.	
Flash point:	101.5 °C	(Directive 92/69/EEC, A.9)
Auto-ignition temperature:	410 °C	(Directive 92/69/EEC, A.15)
Thermal decomposition:	310 °C, 200 kJ/kg (DSC (OECD 113)) (onset temperature)	
pH value:	Not a substance liable to self-decomposition according to UN transport regulations, class 4.1. approx. 9 - 11 (1 %(m), approx. 20 °C) (as a dispersion)	
Viscosity, dynamic:	approx. 20 mPa.s (20 °C, 100 1/s)	



BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

Solubility in water: dispersible  
Partitioning coefficient n-octanol/water (log Kow):  
The statements are based on the  
properties of the individual  
components.

*Information on: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine*

*Partitioning coefficient n-octanol/water (log Kow): 2.63 - 2.73  
(20 °C)*

-----  
Vapour pressure: approx. 0.07 hPa  
(20 °C)  
Information based on the main  
component/s.  
Density: approx. 1.08 g/cm<sup>3</sup>  
(20 °C)  
Relative vapour density (air):  
not applicable

## 9.2. Other information

### Information with regard to physical hazard classes

#### Explosives

Explosion hazard: not explosive

#### Oxidizing properties

Fire promoting properties: not fire-propagating (Regulation 440/2008/EC, A.21)

### Other safety characteristics

Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.

Evaporation rate:  
not applicable

---

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

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

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

#### 10.4. Conditions to avoid

See SDS section 7 - Handling and storage.

#### 10.5. Incompatible materials

Substances to avoid:  
strong acids, strong bases, strong oxidizing agents

#### 10.6. Hazardous decomposition products

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

---

### SECTION 11: Toxicological Information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. Of low toxicity after short-term skin contact. Virtually nontoxic by inhalation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

LD50 rat (oral): 890 mg/kg

LC50 rat (by inhalation): > 5 mg/l 4 h (Directive 92/69/EEC, B.2)

An aerosol was tested.

LD50 rat (dermal): > 2,000 mg/kg

##### Irritation

Assessment of irritating effects:

May cause severe damage to the eyes. Not irritating to the skin.

Experimental/calculated data:

Skin corrosion/irritation

rabbit: non-irritant

Serious eye damage/irritation

rabbit: irreversible damage

##### Respiratory/Skin sensitization

Assessment of sensitization:

No sensitizing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing.

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

#### Germ cell mutagenicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: benzyl alcohol*

*Assessment of mutagenicity:*

*The substance was mutagenic in various cell culture test systems; however, these results could not be confirmed in tests with mammals.*

#### Carcinogenicity

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

#### Reproductive toxicity

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine*

*Assessment of reproduction toxicity:*

*EU-classification Causes impairment of fertility in laboratory animals.*

*Information on: 2-methylaminoethanol*

*Assessment of reproduction toxicity:*

*The results of animal studies suggest a fertility impairing effect.*

#### Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 2-methylaminoethanol*

*Assessment of teratogenicity:*

*The results of animal studies gave indication of a developmental toxic effects.*

#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine*

*Assessment of repeated dose toxicity:*

*The substance may cause damage to the prostate after repeated ingestion. Based on available data, the classification criteria are not met.*

*Information on: 2-methylaminoethanol*

*Assessment of repeated dose toxicity:*

*Repeated oral exposure to large quantities may affect certain organs. Damages the liver. Damages the kidneys. Damages the spleen. Damages the ovaries. Damages the testes. Damages the epididymis. The results were determined in a Screening test.*

-----  
Aspiration hazard

not applicable

Interactive effects

No data available.

## 11.2. Information on other hazards

Endocrine disrupting properties

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other information

Other relevant toxicity information

Misuse can be harmful to health.

---

## SECTION 12: Ecological Information

### 12.1. Toxicity

Assessment of aquatic toxicity:

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

Toxic to aquatic life with long lasting effects.

Toxicity to fish:  
LC50 (96 h) 17.6 mg/l, *Oncorhynchus mykiss*

Aquatic invertebrates:  
EC50 (48 h) 93.7 mg/l, *Daphnia magna*

Aquatic plants:  
EC50 (72 h) 68.7 mg/l (growth rate), *Scenedesmus subspicatus*

No observed effect concentration (72 h) 4.6 mg/l, *Desmodesmus subspicatus*

Chronic toxicity to fish:  
EC10 (28 d) 0.811 mg/l, *Oncorhynchus mykiss*

No observed effect concentration (28 d) 0.5 mg/l, *Oncorhynchus mykiss*

Chronic toxicity to aquatic invertebrates:  
EC10 (22 d) 6.04 mg/l, *Daphnia magna*

No observed effect concentration (22 d) 3.2 mg/l, *Daphnia magna*

## 12.2. Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):  
The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine*

*Assessment biodegradation and elimination (H<sub>2</sub>O):  
Not readily biodegradable (by OECD criteria).*

-----

## 12.3. Bioaccumulative potential

Assessment bioaccumulation potential:  
The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine*

*Assessment bioaccumulation potential:*

*Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.*

-----

---

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

---

## 12.4. Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: dimethomorph (ISO); 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine*

*Assessment transport between environmental compartments:*

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

*Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*

-----

## 12.5. Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

## 12.6. Endocrine disrupting properties

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 12.7. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

### Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

---

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

Must be sent to a suitable incineration plant, observing local regulations.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

---

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

## SECTION 14: Transport Information

### Land transport

ADR

UN number or ID number: UN3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (DIMETHOMORPH)

Transport hazard class(es): 9, EHS  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

RID

UN number or ID number: UN3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (DIMETHOMORPH)

Transport hazard class(es): 9, EHS  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

### Inland waterway transport

ADN

UN number or ID number: UN3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (DIMETHOMORPH)

Transport hazard class(es): 9, EHS  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

### Transport in inland waterway vessel

Not evaluated

### Sea transport

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

## IMDG

UN number or ID number: UN 3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIMETHOMORPH)

Transport hazard class(es): 9, EHS  
Packing group: III  
Environmental hazards: yes  
Marine pollutant: YES

Special precautions for user: EmS: F-A; S-F

## Air transport

### IATA/ICAO

UN number or ID number: UN 3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIMETHOMORPH)

Transport hazard class(es): 9, EHS  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

#### **14.1. UN number or ID number**

See corresponding entries for "UN number or ID number" for the respective regulations in the tables above.

#### **14.2. UN proper shipping name**

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

#### **14.3. Transport hazard class(es)**

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

#### **14.4. Packing group**

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### **14.5. Environmental hazards**

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

#### **14.6. Special precautions for user**



BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

#### 14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

#### Further information

Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 L or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2.10.2.7; IATA: A197; TDG: Special Provision 99(2); 49CFR: §171.4 (c) (2) and also the Special Provision 375 in Appendix B which is regulated in China "Regulations Concerning Road Transportation of Dangerous Goods Part 3: Index of dangerous goods name and transportation requirements" (JT/T 617.3)

---

### SECTION 15: Regulatory Information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### Prohibitions, Restrictions and Authorizations

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 3, 30, 75

Directive 2012/18/EU - Control of Major Accident Hazards involving dangerous substances (EU):  
List entry in regulation: E2

Classification applies for standard conditions of temperature and pressure.

To avoid risks to man and the environment, comply with the instructions for use.

#### 15.2. Chemical Safety Assessment

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

---

### SECTION 16: Other Information

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Acute Tox.	Acute toxicity
Eye Dam.	Serious eye damage
Repr.	Reproductive toxicity
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Eye Irrit.	Eye irritation

BASF safety data sheet. This document has been drafted following generic rules for safety data sheets. It does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 21.10.2024  
Date / Previous version: 01.09.2023  
Product: **Forum®**

Version: 7.0  
Previous version: 6.0

(ID no. 30355019/SDS\_CPA\_EU/EN)

Date of print 30.11.2024

Skin Sens.	Skin sensitization
Skin Corr.	Skin corrosion
STOT SE	Specific target organ toxicity — single exposure
STOT RE	Specific target organ toxicity — repeated exposure
Aquatic Acute	Hazardous to the aquatic environment - acute
H318	Causes serious eye damage.
H302	Harmful if swallowed.
H360F	May damage fertility.
H411	Toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.
H335	May cause respiratory irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H314	Causes severe skin burns and eye damage.
H302 + H312	Harmful if swallowed or in contact with skin.
H373	May cause damage to organs (Kidney, Testes, Liver, Spleen, Ovaries, Epididymis) through prolonged or repeated exposure.

#### Abbreviations

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ADN = The European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways. ATE = Acute Toxicity Estimates. CAO = Cargo Aircraft Only. CAS = Chemical Abstract Service. CLP = Classification, Labelling and Packaging of substances and mixtures. DIN = German national organization for standardization. DNEL = Derived No Effect Level. EC50 = Effective concentration median for 50% of the population. EC = European Community. EN = European Standards. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IBC-Code = Intermediate Bulk Container code. IMDG = International Maritime Dangerous Goods Code. ISO = International Organization for Standardization. STEL = Short-Term Exposure Limit. LC50 = Lethal concentration median for 50% of the population. LD50 = Lethal dose median for 50% of the population. TLV = Threshold Limit Value. MARPOL = The International Convention for the Prevention of Pollution from Ships. NEN = Dutch Norm. NOEC = No Observed Effect Concentration. OEL = Occupational Exposure Limit. OECD = Organization for Economic Cooperation and Development. PBT = Persistent, Bioaccumulative and Toxic. PNEC = Predicted No Effect Level. PPM = Parts per million. RID = The European Agreement concerning the International Carriage of Dangerous Goods by Rail. TWA = Time Weight Average. UN-number = UN number at transport. vPvB = very Persistent and very Bioaccumulative.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.