

# Safety Data Sheet

Release 1.0  
Revision 10/17/2019  
Date of issue 05/29/2021

## 1 Identification of the substance

### Identification of the substance

Identification of the substance Fenofibric acid

Additional identification 2-[4-(4-Chlorobenzoyl)phenoxy]-2-methyl-propanoic acid;FNF acid;NSC 281318

Biosynth catalog no. FF23254

REACH No. A registration number is not available for this substance as the substance or its uses are exempted from registration or the annual tonnage does not require a registration.

### Use of the substance/preparation

Identified uses basic Intermediates

Restriction on use not for food or drug use, for laboratory use only

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### Emergency Number

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## 2 Hazards identification

### Health Hazards

acute toxicity (Category 4)

### Environmental Hazards

Chronic aquatic toxicity (Category 2)

### Physical Hazards

not classified

### Possible Hazards (Summary)

#### GHS Labeling

Symbol  
GHS07 exclamation mark

Pictogram



GHS09 environmental hazards

Pictogram

*Signal Word*

Warning                      Warning

*Hazard Statement*

H302                      Harmful if swallowed.

H411                      Toxic to aquatic life with long lasting effects.

*Precautionary Statement*

P270                      Do not eat, drink or smoke when using this product.

P273                      Avoid release to the environment.

P301                      IF SWALLOWED:

P312                      Call a POISON CENTER or doctor/physician if you feel unwell.

P330                      Rinse mouth.

P501                      Dispose of contents / container in accordance with local / regional / national / international regulations.

**3 Composition/information on ingredients****Substance related information***Substance name*                      Fenofibric acid*Synonymes*                      2-[4-(4-Chlorobenzoyl)phenoxy]-2-methyl-propanoic acid;FNF acid;NSC  
281318*Cas No.*                      [42017-89-0]*Formula*                      C<sub>17</sub>H<sub>15</sub>ClO<sub>4</sub>**4 First aid measures****First Aid: Eye**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

**First Aid: Skin**

Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

**First Aid: Ingestion**

Wash out mouth with water provided person is conscious. Call a physician.

**First Aid: Inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

**Hints for Physician: Treatment**

Treat symptomatically.

**5 Firefighting measures****Extinguishing Media****Suitable**foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>), water spray jet**Hazards During Fire-Fighting**

toxic fumes

**Protective Equipment for Fire-Fighting**

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

**Fire-Fighting/Further Advice**

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

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**6 Accidental release measures****Personal Precautions**

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

**Environmental Precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

**Methods for Cleaning or Taking Up**

not available

**Further Accidental Release Measures**

Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

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**7 Handling and storage****Handling****Handling advice**

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

**Storage****Storage temperature**

store at <-15°C

**Storage Requirements**

Warm to Room Temperature before use. Keep away from incompatible substances. Keep container tightly closed when not in use.

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**8 Exposure controles/personal protection****Exposure controles****Industrial Hygiene**

Mechanical exhaust required. Safety shower and eye shower.

**Personal Protective Equipment****Respiratory Protection**

Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

**Hand Protection**

Wear compatible chemical-resistant gloves to prevent skin exposure.

**Eye Protection**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

**Body Protection**

Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

**Advice on Safe Handling**

Wash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

**9 Physical and chemical properties**

**Form**  
powder

**Molar Mass**  
318.75 g/mol

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**10 Stability and reactivity**

**Conditions to Avoid**  
incompatible materials

**Substances to Avoid**  
strong oxidizers

**Decomposition Products**  
carbon dioxide (CO<sub>2</sub>), hydrogen chloride (HCl), carbon monoxide

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**11 Toxicological information**

**Acute Toxicity**  
LD50 oral, Rat, 1,242 mg/kg

**Other Relevant Toxicity Information**  
We are not aware of any toxicology data.

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**12 Ecological Information****Additional Ecotoxicological Remarks**

*Memo*  
Toxic to aquatic life.

**Biodegradation**  
no data available

**Bioaccumulation**  
no data available

**Distribution in Environment**  
no data available

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**13 Disposal considerations****Advice on Disposal and Packaging**

*Advice on Disposal*  
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and Exhaust air. Dispose of waste according to laws applicable.

*Advice on Packaging*  
not available

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**14 Transport information**

**Road Transport (ADR/GGVS)**

<i>UN No.</i>	3077
<i>Class(es)</i>	9
<i>Packaging group</i>	III
<i>Proper Shipping Name</i>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Fenofibric acid)

**Air Transport (IATA)**

<i>UN No.</i>	3077
<i>Class(es)</i>	9
<i>Packaging group</i>	III
<i>Proper Shipping Name</i>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Fenofibric acid)

**15 Other regulations**

**Other Regulations**  
not available

Component	REACH (1907/2006) - Annex XIV - Substances Subject to Authorization	REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
Fenofibric acid	-----	-----	-----

**16 Additional information**

**GHS Labeling**

*Symbol*

GHS07	exclamation mark
GHS09	environmental hazards

*Signal Word*

Warning	Warning
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*Hazard Statement*

H302	Harmful if swallowed.
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