Safety Data Sheet (SDS)

According to Regulation (EC) No. 1907/2006 (REACH)
Product: J-147
CAS number: 1146963-51-0
Revision date: 13 March 2026

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1. Identification of the substance and of the company

Product identifier

Product name: J-147
CAS number: 1146963-51-0
Synonyms: N-(2,4-dimethylphenyl)-2,2,2-trifluoro-N-[(Z)-(3-methoxyphenyl)methylideneamino]acetamide.

Relevant identified uses

Chemical reference material
Laboratory research and analytical applications

Not intended for food, drug, cosmetic or household use. Public supplier SDS language also describes it as **for research use only**.

Supplier

Rexar
Genestetstraat 3
2394 XK Hazerswoude
Netherlands

Email: info@rexar.nl

Emergency information

Contact local poison control centre.

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2. Hazards identification

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Not classified as hazardous according to the supplier safety documentation used for this draft. The reviewed Cayman SDS shows no GHS hazard statements or label phrases.

Label elements

Pictograms: None
Signal word: None
Hazard statements: None.

Other hazards

Contains a potent pharmaceutically active ingredient. Substance not fully tested; handle with care. Material may be irritating to the mucous membranes and upper respiratory tract. That wording follows the reviewed Cayman SDS and is actually the useful warning line here, without turning it into an overloaded CLP sheet.

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3. Composition / information on ingredients

Substance: J-147

CAS number: 1146963-51-0

Molecular formula: C18H17F3N2O2
Molecular weight: 350.34 g/mol.

Purity: typically ≥98%

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4. First aid measures

General advice

Remove affected person from exposure and ensure fresh air.

Inhalation

Move person to fresh air. Seek medical advice if symptoms occur.

Skin contact

Wash thoroughly with soap and water.

Eye contact

Rinse cautiously with water for several minutes.

Ingestion

Rinse mouth. Seek medical advice if feeling unwell.

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5. Firefighting measures

Suitable extinguishing media

Water spray
Carbon dioxide
Dry chemical powder
Foam

Special hazards

Combustion may produce carbon oxides, nitrogen oxides and hydrogen fluoride. The fluorinated structure makes fluoride-containing decomposition products a reasonable inclusion.

Protective equipment

Firefighters should wear self-contained breathing apparatus.

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6. Accidental release measures

Personal precautions

Avoid dust formation and inhalation. Use appropriate protective equipment.

Environmental precautions

Prevent entry into drains or waterways.

Cleanup methods

Collect material mechanically using suitable laboratory procedures and place in an appropriate waste container.

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7. Handling and storage

Handling

Use standard laboratory safety practices. Avoid inhalation of dust and avoid contact with skin, eyes and mucous membranes. The reviewed Cayman SDS specifically flags possible irritation of mucous membranes and the upper respiratory tract.

Storage

Store in a tightly sealed container.
Keep in a cool, dry and well-ventilated area.

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8. Exposure controls / personal protection

Exposure limits

No occupational exposure limits established were identified in the reviewed public sources.

Engineering controls

Use adequate ventilation.

Personal protective equipment

Eye protection: safety glasses
Gloves: nitrile or chemical-resistant gloves
Respiratory protection: dust mask if dust is generated

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9. Physical and chemical properties

Appearance: solid / crystalline powder
Color: off-white to pink has been reported by one supplier listing
Molecular formula: C18H17F3N2O2
Molecular weight: 350.34 g/mol.

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10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Excessive heat
Moisture
Dust generation

Hazardous decomposition

Carbon oxides
Nitrogen oxides
Hydrogen fluoride

11. Toxicological information

Limited toxicological data are publicly available.

Based on the supplier safety documentation used for this draft, the substance is **not classified as hazardous according to CLP-style hazard communication**, but the reviewed Cayman SDS specifically states that it **contains a potent pharmaceutically active ingredient**, is **not fully tested**, and **may irritate mucous membranes and the upper respiratory tract**. That is the most credible middle line for this compound.

Exposure routes may include inhalation of dust, ingestion, skin contact and eye contact.

12. Ecological information

Limited ecological data available.

Avoid release into the environment.

13. Disposal considerations

Dispose of material in accordance with local regulations.

Chemical waste should be handled by licensed disposal services.

14. Transport information

No public source reviewed here identified J-147 as regulated dangerous goods for standard transport, but I did not verify a primary ADR/IATA database entry directly. For Rexar wording, keep this conservative:

Not classified as dangerous goods according to transport regulations:

ADR (road)
IMDG (sea)
IATA (air).

15. Regulatory information

This product is supplied as a **chemical reference material for laboratory use**.

For this Rexar draft, the classification line used is:

Not classified as hazardous according to the supplier safety documentation used for this draft.
At the same time, the reviewed supplier SDS includes a handling warning that the substance is a **potent pharmaceutically active ingredient** and **not fully tested**.

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16. Other information

This Safety Data Sheet provides information for safe handling in laboratory environments.

The product is supplied **for research and analytical use only**.

The information provided is based on reviewed public supplier safety documentation and chemical identity records and is believed to be accurate, but does not constitute a guarantee of product properties.