



Issue Date: 14/07/2025

Safety Data Sheet

1. Identification

Product name Pigment Violet 23
Trade Name Navfast Violet PL-9045 (RL/BL) / Navfast Violet OF-9063 (RL/BL)
Navfast Violet AS-9090 (RL/BL) / Navfast Violet SI-9081 (RL/BL)
Navfast Violet SI-9054 / Navfast Violet SI-9099 (RL/BL)
Navfast Violet NC-9072 (RL/BL)

EC 606-790-9
CAS 215247-95-3 / 6358-30-1
REACH 01-2119451149-38-0027

Chemical Formula

2,20-dichloro-13,31-diethyl-4,22-dioxa-13,18,31,36-tetraazanonacyclo[19.15.0.03,19.05,17.06,14.07,12.023,25.024,32.025,30]hexatriaconta 1(36),2,5,7,9,11,14,16,18,20,23,25,27,29,32,34-hexadecaene

Recommended use of the chemical and restrictions on use

Substance use/mixture: Paints and coatings, used in paint, coloring agent
Restriction of use: Not for use with food, pharmaceuticals, or cosmetics

Details of the supplier of the safety data sheet

Identification of the safety data sheet supplier

Company Name Navpad Pigments Private Limited
Address Survey No : 2135 (Old Survey No. 1196),
Village Rajpur, Chhatral-Mehsana Highway,
Ta. Kadi, Dist. Mehsana - 382715, Gujarat, India
Contact/Emergency Phone + 91 7069024447
Email sales@navpadpigments.com
Emergency phone number



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A Govt. Of India Recognized Star Export House

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Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India

T: +91-982-503-1388 / +91-2764-278338

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(24 hours)

+ 91 9898570095

2. Hazards Identification

Classification according to GHS

No need for classification according to GHS criteria for this product

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards

No data available

3. Composition/Information On Ingredients

This product is a Substance

| Constituent | CAS No. | Typical concentration | Belt from concentration | Technical Name |
|--|-------------------------|-----------------------|-------------------------|---|
| 9,19-dichloro-5,15-diethyl-5,15-dihydrocarbazole[3',4':5,6][1,4]oxazino[2,3-b]indolo[3,2-H]phenoxazine | 215247-95-3 / 6358-30-1 | 99.0% w/w | 97-100% w/w | Violet Pigment 23 Carbazole Violet (dioxazine) |



CIN No: U24220GJ1998PTC033736

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4. First Aid Measures

General information

Seek medical assistance if discomfort continues

After inhalation

Remove the casualty into fresh air and keep him calm.

After contact with skin

In case of contact with skin, clean with soap and water.

After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

After ingestion

If swallowed do not induce vomiting, seek medical advice and show safety data sheet or label

5. Firefighting Measures

Extinguishing media

Suitable extinguishing media

Water spray jet, foam

Extinguishing media that must not be used for safety reasons

Full water jet, carbon dioxide, dry powder

Special hazards from the substance itself, its combustion products or from its vapours

In the event of fire the following can be released:

Nitrous gases (NO_x), Carbon dioxide (CO₂), Carbon monoxide (CO)

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Hydrogen chloride (HCl)

Special protective equipment for firefighting

Use self-contained breathing apparatus

6. Accidental Release Measures

Personal precautions

Use personal protective clothing.

Environmental precautions

Do not allow entry to drains, water courses or soil

Methods for cleaning up/taking up

Take up mechanically. Avoid dust formation and electrical charging (sparking) because dust explosion might occur.

When picked up, product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary, after consultation with the waste disposal operator and/or the competent Authorities

Additional information

Collect spilled product completely.

7. Handling & Storage

Advice on safe handling

When used and handled appropriately no special measures are needed

Avoid dust formation. Advice on protection against fire and explosion

Take precautionary measures against electrostatic charges

Earthing necessary during loading operations. Keep away from sources of ignition

Dust can form an explosive mixture with air.

Further information on storage conditions. Keep container dry



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8. Exposure Controls/Personal Protection

Exposure Control

Occupational exposure controls

General protective measures

Observe the usual precautions for handling chemicals.

Hygiene measures

Wash hands before breaks and after work.

Use barrier skin cream.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

Respiratory protection : Wear dust mask when handling large quantities

Hand protection : Nitrile rubber gloves.

Minimum breakthrough time (glove) : Not determined

Minimum thickness (glove) : Not determined

Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements

Eye protection : Safety glasses

Body protection : Working clothes

9. Physical & Chemical Properties

Appearance

| | |
|---------------------------------------|-------------------|
| Physical state | Solid |
| Color | Violet |
| Odor | Non-specific |
| Odor Threshold | No data available |
| pH | Not available |
| Melting point/ range / Freezing point | 340 °C |
| Boiling point (760 mmHg) | No data available |



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| | |
|--|--|
| Flash point | No data available |
| Evaporation Rate (Butyl Acetate = 1) | No data available |
| Flammability (solid, gas) | The product is not flammable. |
| Lower explosion limit | No data available |
| Upper explosion limit | No data available |
| Vapor Pressure | No data available |
| Relative Vapor Density (air = 1) | No data available |
| Relative Density | 1.485 at 20 °C |
| Water solubility | <= 25 µg/l, ETAD method at 24 °C |
| Partition coefficient: n-octanol/water | 1,1, Regulation (EC) No. 440/2008, Annex, A.8 at 24 °C |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Dynamic Viscosity | No data available |
| Kinematic Viscosity | No data available |
| Explosive properties | Not explosive |
| Oxidizing properties | The substance or mixture is not classified as oxidizing. |
| Molecular weight | 589.5 |
| Percent volatility | No data available |

Note: The physical data presented above are typical values and should not be construed as a specification.

10. Stability & Reactivity

Thermal decomposition : from 322 °C

Method : DTA

Hazardous reactions

When handled and stored appropriately no dangerous reactions are known

Hazardous decomposition products

When handled and stored appropriately, no dangerous decomposition products are known



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Materials to avoid

Strong oxidizers

Hazardous decomposition products:

Product does not decompose at room temperature.

11. Toxicological Information

Acute Toxicity Endpoints:

Not classified based on available information.

Acute oral toxicity

LD50 Rat > 2.000 mg/kg OECD Test Guideline 401

Skin corrosion/irritation

Rabbit No skin irritation OECD Test Guideline 404

Serious eye damage/eye irritation

Rabbit No eye irritation OECD Test Guideline 405

Sensitization

For skin sensitization:

Mouse Does not cause skin sensitisation OECD Test Guideline 429

For respiratory sensitization:

No relevant data found.

Repeated Dose Toxicity

Repeated dose toxicity Rat Oral \geq 1.000 mg/kg OECD Test Guideline 407

Genetic Toxicity in Vitro

In vitro gene mutation study in bacteria
with and without

negative

OECD Test Guideline 471



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In vitro gene mutation study in mammalian cells
with and without
negative
OECD Test Guideline 476

Chromosome aberration test in vitro
with and without
negative
OECD Test Guideline 473

Carcinogenicity:

Information for the Product: negative

12. Ecological Information

Ecotoxicity

Information for the Product:

Acute toxicity to fish

Danio rerio (zebra fish) LC50 96 h > 100 mg/l OECD Test Guideline 203.

Acute Toxicity to Aquatic Invertebrates

Daphnia magna (Water flea) EC50 48 h > 100 mg/l OECD Test Guideline 202.

Toxicity to Aquatic Plants

Desmodium subspicatus (Scenedesmus subspicatus) EC50 72 h > 100 mg/l OECD Test Guideline 201.

Toxicity to Microorganisms

activated sludge of a predominantly domestic sewage, EC50 3 h > 1.000 mg/l OECD Test Guideline 209

Chronic Toxicity to Aquatic Invertebrates

Daphnia magna (Water flea) NOEC 21 d, 2,5 mg/l OECD Test Guideline 211.

Toxicity to Terrestrial Plants

Avena sativa (oats) NOEC 21 d, 1.000 mg/kg OECD Test Guideline 208.



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Persistence and degradability

Information for the Product:

Biodegradability:

Inoculum or test system: activated sludge, domestic, non-adapted

Duration of test (contact time): 28 d

OECD Guideline 301 B (Ready Biodegradability: CO₂ Evolution Test), 66%.

The test item must be regarded to be not readily biodegradable under the given conditions of the modified Sturm test.

Assessment PBT

The substance is not identified as a PBT or as a vPvB substance.

13. Disposal Considerations

Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary, after consultation with the waste disposal operator and/or the competent Authorities

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

14. Transport Information

14.1 UN number

ADR/RID: Not restricted

14.2 UN proper shipping name

ADR/RID: Not restricted

IMDG: Not restricted

IATA: Not restricted

14.3 Transport hazard class(es)

ADR/RID: Not restricted



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14.4 Packaging group

ADR/RID: Not restricted

14.5 Environmental hazards

ADR/RID: Not restricted

14.6 Special precautions for user

No data available

15. Regulatory Information

Advices on Chemical Safety Assessment:

A Chemical Safety Assessment has been carried out for this substance.

16. Other Information

Revision Date: 14/07/2025

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



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