



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: RHODIMET NP 99

Product code: ADI016

Company/undertaking identification:

Registered company name: Adisseo France S.A.S

Address: Immeuble Antony Parc II - 10, Place du Général de Gaulle 92160 Antony France

Telephone: +33 (0)1 46 74 70 00. Fax: +33 (0)1 40 96 96 96. Telex: -.

Email: fds@adisseo.com<http://www.adisseo.com>**Emergency telephone: +33 (0)1 45 42 59 59.**Association/Organisation: INRS / ORFILA <http://www.centres-antipoison.net>.**Other emergency telephone numbers:**

CareChem (24h/24): +44 (0) 208 762 8322

Use of the substance/preparation:

Additive for animal feed.

2 - HAZARDS IDENTIFICATION

This product is not classified as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classified as hazardous to health by directive 1999/45/EC.

No known or foreseeable environmental damage under standard conditions of use.

Other data:

Dusts can form an explosive mixture with air.

Explosion of dusts: ST1 class.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

No known substance in this category present.

Other components:

CAS 59-51-8 CE 200-432-1 DL-METHIONINE OR 2-AMINO-4-(METHYLTHIO)BUTANOIC ACID >= 99%

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

Move victim to the open air.

Seek medical attention.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin:

Wash skin immediately and thoroughly with water.

In the event of swallowing:

Call a doctor immediately and show him the label.

5 - FIRE-FIGHTING MEASURES**Suitable extinguishing media:**

Use water, carbon dioxide (CO₂), foams and powder.

Extinguishing media which must not be used for safety reasons:

Do not use large water jets.

Special protective equipment for fire-fighters:

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Combustible. In the event of a fire, risk of formation of combustion gases or hazardous fumes.
In the event of a fire, carbon oxides, sulphur and nitrogen can form.

6 - ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.
Prevent the formation of dust; do not inhale dust particles.

Environmental precautions:

Prevent any material from entering drains or waterways.

Methods for cleaning up:

Retrieve the product by mechanical means (sweeping/vacuuming): do not generate dusts.
If necessary, wash with water after collection.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Suitable ventilation and evacuation is required on equipment and in areas where dust is liable to form.
The preparation can become electrostatically charged: always earth during decanting operations.
Vacuum dusts frequently.

Fire prevention:

Prevent access by unauthorised personnel.
Do not smoke.
Prevent the formation of dusts.
Grinding shall be carried out in inert atmosphere.

Storage:

Keep away from heat and sources of ignition.
Store away from light, in a cool, dry and well-ventilated area.
Only store in the original receptacle and at a temperature that does not exceed 25°C.
Storage tanks must be earthed and fitted with a suitable safety valve.

Specific use(s):

Recommended packaging material: Stainless steel.
Contra-indicated packaging material: Certain plastic materials.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.
If this ventilation is insufficient to maintain the concentration of dust below the exposure limits, wear breathing apparatus.
Avoid accumulation of electrostatic charges with earthing connections.

Respiratory protection:

Anti-aerosol filters
- P1 (white)

Hand protection:

Type of gloves recommended :
- Nitrile

Eye and face protection:

Wear safety goggles.

Skin protection:

Wear suitable protective clothing.

Environmental exposure controls:

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

9 - PHYSICAL AND CHEMICAL PROPERTIES**General information:**

Physical state:	powder or dust
Particle size :	65% (> 100 µm) - 20% (50-100µm) - 15% (< 50 µm).
Colour:	White to creamy-white.
Odour:	Mild.
Empirical formula :	C5H11NO2S
Molecular weight:	149.2

Important health, safety and environmental information:

pH of the substance or preparation:	not relevant. The pH is impossible to measure or its value is not relevant.
pH (aqueous solution):	5.3 - 6.1 (1% - 20°C)
Flash point interval:	not relevant.
Vapour pressure:	not relevant.
Density:	< 1
Density:	0.60 - 0.75 g/cm3
Water solubility:	Soluble. 34 g/l (25°C)
Solubility in organic solvents:	Insoluble in diethylene ether.

Other information:

melting point/melting range:	266 °C.
Self-ignition temperature:	305 °C.
Decomposition point/decomposition range :	215 °C.
Minimum ignition energy:	10 - 30 mJ.
Oxidizing properties:	In a test according to Regulation (EC) No 440/2008 (A.21. Oxidising properties - liquids), the product was found not to be oxidizing.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

Conditions to avoid:

Danger of ignition of dust storms. (>18g/m³)

Materials to avoid:

Keep away from oxidising agents.

Hazardous decomposition products:

Carbon, nitrogen and sulphur oxides.

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classified as hazardous per directive 67/548/EEC.
No data is available regarding the preparation itself.

In the event of swallowing:

LD50 (oral - mouse) = > 10000 mg/kg

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Mobility:Adsorption/desorption: product infiltrates easily into soils.
Product's target compartment: water**Persistence and degradability:**

Easily biodegradable.

Ecotoxicity:FISH CL50 (96h) = 3200 mg/l
DAPHNIA CE50 (48h) = 324 mg/l.
ALGAE CI50 (72h) > 1000 mg/l**Other adverse effects:**

Germany: WGK 1 (VwVwS vom 27/07/2005, KBws)

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Small quantities can be diluted with abundant water (>100 times) prior to disposal.**Soiled packaging:**Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.**14 - TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

15 - REGULATORY INFORMATIONThis preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations
In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) has been taken into account.
This preparation is not classified as hazardous to health by directive 1999/45/EC.
This product is not classified as flammable.**Particular provisions:**

Germany: WGK 1 (VwVwS vom 27/07/2005, KBws)

16 - OTHER INFORMATIONSince the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties
Registration number(s):
Registered in the EINECS inventory.
Registered in the TSCA inventory.
Registered in the Canadian inventory (CEPA DSL).