

## 1 Identification

**Product identifier:** 315

**Trade name:** VueWay

Synonyms: Solution of gadolinium complex of 2,2',2'' – [3, 6, 9, 15 – tetrazabicyclo [9.3.1] pentadeca – 1(15), 11. 13 – triene 3, 6, 9 – triyl] tris (5 – [(2,3 – dihydroxypropyl) amino] – 5 – oxopentanoic acid).

### Application of the substance / the mixture:

VueWay is a gadolinium-based contrast agent indicated in adult and pediatric patients aged 2 years and older for use with magnetic resonance imaging (MRI) to detect and visualize lesions with abnormal vascularity in:

- the central nervous system (brain, spine, and associated tissues),
- the body (head and neck, thorax, abdomen, pelvis, and musculoskeletal system).

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

#### Manufacturer/Supplier:

Bracco Diagnostics Inc.  
P.O. Box 5225 Princeton, NJ 08543  
Phone number: 1-800-257-5181  
Email: [HSE@bracco.com](mailto:HSE@bracco.com) (responsible for the SDS)

#### Emergency telephone number:

EMERGENCY CONTACT:  
Health: 1-800-257-5181  
U.S. Transport - Chemtrec: 1-800-424-9300  
International Transport - Chemtrec: 1-703-527-3887

## 2 Hazard(s) identification

### Classification of the substance or mixture

The classification in hazard categories, in compliance with Regulation 29 CFR 1910.1200, does not apply to drugs which are dispensed by a pharmacy to a health care provider for direct administration to a patient.

### Label elements

**GHS label elements:** Not applicable,

**Hazard pictograms:** Not applicable,

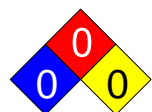
**Signal word:** Not applicable,

**Hazard statements:** Not applicable.

### Additional Information

#### Classification system:

#### NFPA ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

#### HMIS-ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

**Other hazards:** No further relevant information available.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

### 3 Composition/information on ingredients

**Chemical characterization:** Mixtures

**Description:** Mixture consisting of the following components.

**Hazardous component:** Not applicable

Non-Hazardous Components		
CAS No.	Name	Qty.
933983-77-8	Gadolinium, [a3,a6,a9-tris[3-[(2,3-dihydroxypropyl)amino]-3-oxopropyl]-3,6,9,15-tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-3,6,9-triacetato(3-)-kN3,kN6,kN9,kN15,kO3,kO6,kO9]-	48.5 %

Information on components		
CAS No.	Name	Qty.
933983-77-8	Gadolinium, [a3,a6,a9-tris[3-[(2,3-dihydroxypropyl)amino]-3-oxopropyl]-3,6,9,15-tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-3,6,9-triacetato(3-)-kN3,kN6,kN9,kN15,kO3,kO6,kO9]-	48.5 %

**Additional information:** No further relevant information available.

### 4 First-aid measures

**Description of first aid measures**

**After inhalation:** Remove victim to fresh air. If you feel unwell, seek medical advice (show the label where possible)

**After skin contact:** Wash exposed area with water and soap. Get medical advice if irritation develops.

**After eye contact:** In case of eye contact, immediately flush and rinse eyes with plenty of water for at least 15 minutes keeping the eyelids open. Seek medical advice if irritation develops.

**After swallowing:** Do not give water to drink, induce vomiting, and seek medical advice.

**Most important symptoms and effects (acute and delayed)**

**Symptoms/effects:** No specific effects and/or symptoms are known

**Indication of any immediate medical attention and special treatment needed**

Threat symptomatically.

### 5 Fire-fighting measures

**Extinguishing media**

The product is not flammable

**Suitable extinguishing agents:** All extinguishing agents can be used.

**Unsuitable extinguishing agents:** Use any means suitable for extinguishing surrounding fire.

**Special hazards arising from the substance or mixture**

**Hazardous decomposition products in case of fire :** Carbon oxides (CO, CO2). Toxic fumes.

## Special protective equipment and precautions for fire-fighters

**Protective equipment:** Do not attempt to take action without suitable protective equipment. Put on breathing apparatus. Complete protective clothing.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

**Environmental precautions:** Containerize unusable material for disposal in an approved waste facility. Do not release in the environment.

### Methods and material for containment and cleaning up:

Take up liquid spill into absorbent material. Clean with Water. Collect all waste in suitable and labeled containers and dispose according to local legislation.

### Reference to other sections

See section 8 and 13.

### Protective Action Criteria for Chemicals

#### PAC-1:

None of the ingredients are listed.

#### PAC-2:

None of the ingredients are listed.

#### PAC-3:

None of the ingredients are listed.

## 7 Handling and storage

### Precautions for safe handling

Avoid contact with skin and eyes. Wear recommended personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### Conditions for safe storage, including any incompatibilities

Store tightly closed in a dry, cool and well-ventilated place at a temperature  $\leq 25$  °C. Protect against physical damage. Do not freeze.

**Incompatible products:** Strong acid, Strong bases and strong oxidizers.

### Specific end use(s)

See Section 1.

## 8 Exposure controls/personal protection

### Control parameters

**Components with limit values that require monitoring at the workplace:** Not established.

**Additional information:** Not established.

# Safety Data Sheet

According to OSHA HazCom Standard [2012]

Printing date: **03/11/2022** Reviewed on: **03/11/2022** Version **02**

## Appropriate engineering controls

**Environmental exposure controls:** Avoid release to the environment.

## Individual protection measures/Personal protective equipment

**Breathing equipment:** No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

**Protection of hands:** Wear protective gloves. For the breakthrough time refer to the supplier.

**Eye protection:** Wear protective glasses.

**Body protection:** Suitable protective clothing.

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information:

<b>Appearance</b>	
<b>Form:</b>	Liquid
<b>Color:</b>	Colorless to yellow solution
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not applicable (odorless)
<b>pH – Value:</b>	5.5 – 7
<b>Melting point/Melting range:</b>	No further information
<b>Boiling point/Boiling range:</b>	No further information
<b>Flash Point:</b>	No further information
<b>Flammability (Solid, Gaseous)</b>	No further information
<b>Ignition temperature:</b>	No further information
<b>Danger of explosion:</b>	No further information
<b>Flammability Limits</b>	
<b>Lower:</b>	No further information
<b>Upper:</b>	No further information
<b>Explosion Limits</b>	
<b>Lower:</b>	No further information
<b>Upper:</b>	No further information
<b>Oxidizing properties:</b>	Not oxidizing.
<b>Vapor pressure:</b>	Not explosive.
<b>Density</b>	1.21 g/cm at 20° C
<b>Relativity Density at 20° C (68° F):</b>	No further information
<b>Vapor Density at 20° C (68° F):</b>	No further information

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<b>Evaporation rate:</b>	No further information
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Miscible
<b>Partition coefficient (n-octanol/water):</b>	No further information
<b>Viscosity</b>	
<b>Dynamic:</b>	No further information
<b>Kinematic:</b>	No further information
<b>Water:</b>	No further information
<b>VOC Content:</b>	No further information
<b>Solid Content:</b>	No further information
<b>Other Information:</b>	No further information

### 10 Stability and Reactivity

#### Reactivity

The product is stable under normal conditions.

#### Chemical stability

The product is stable at normal handling and storage conditions.

#### Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### Conditions to avoid

Storage temperature < 25° C. No freezing.

#### Incompatible materials

Strong acids, strong bases and strong oxidizers.

#### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11 Toxicological Information

#### Information on toxicological effects

**Symptoms/effects:** No specific effects and/or symptoms are known.

### 12 Ecological information

#### Toxicity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### Persistence and degradability

No further information available.

## Bio accumulative potential

No further information available.

## Mobility in soil

No further information available.

## Results of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

## Other adverse effects

No further information available.

## 13 Disposal considerations

### Waste treatment methods

Comply with local regulations for disposal.

### Ecology - waste materials

Do not discharge into drains or rivers.

## 14 Transport information

According to the current legislation about the transport of Hazardous goods, this product is not classified as Hazardous Material.

### UN Number

DOT, ADR, ADN, IMDG, IATA

Not applicable

### UN proper shipping name:

DOT, ADR, ADN, IMDG, IATA

Not applicable

### Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA

Not applicable

Class:

### Packing Group

DOT, ADR, IMDG, IATA

Not applicable

### Environmental Hazards:

Marine pollutant:

Not applicable

### Special precautions for user

Not applicable

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

## 15 Regulatory Information

### US Federal Regulations

Name	Cas-No.	Listing	Commercial status	Flags
Gadolinium, [a3,a6,a9-tris[3-[(2,3-dihydroxypropyl)amino]-3-oxopropyl]-3,6,9,15-tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-3,6,9-triacetato(3-)-kN3,kN6,kN9,kN15,kO3,kO6,kO9]-	933983-77-8	Not present		

## International Regulations

### Canada

Gadolinium, [a3,a6,a9-tris[3-[(2,3-dihydroxypropyl)amino]-3-oxopropyl]- 3,6,9,15 tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-3,6,9-triacetato(3-)-κN3,κN6,κN9,κN15,κO3,κO6,κO9]-

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

### EU-Regulations

Gadolinium, [a3,a6,a9-tris[3-[(2,3-dihydroxypropyl)amino]-3-oxopropyl]- 3,6,9,15 tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-3,6,9-triacetato(3-)-κN3,κN6,κN9,κN15,κO3,κO6,κO9]-

Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### National Regulations

No additional information available.

### US State Regulations

No additional information available.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Training Hints: All persons handling this product should be informed on the existence of the hazard, on any possible risk they might be subjected to and about all required protective measures to prevent such a damage or to reduce the exposition.

### Contact:

Bracco Diagnostics Inc.  
P.O. Box 5225  
Princeton, NJ 08543

**Date of preparation / last revision:** 03/11/2022, Rev 02

**Changes:** Minor changes in section 1, Alignment to PI.

### Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent