

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06
Version: 3.0

Page: 1/9
(30417007/CDU_GEN_US/EN)

1. Substance/preparation and company identification

Company

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard;
29 CFR Part 1910.1200

Classification of the product

Hazardous to the aquatic environment - acute	3
Flammable liquids	4

Label elements

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

Signal Word:
Warning

Hazard Statement:

H227	Combustible liquid.
H402	Harmful to aquatic life.

Precautionary Statements (Prevention):

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

P370 + P378	In case of fire: Use water spray for extinction.
-------------	--

Precautionary Statements (Storage):

P403 + P235	Store in a well-ventilated place. Keep cool.
-------------	--

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06

Version: 3.0

Page: 2/9

(30417007/CDU_GEN_US/EN)

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

No applicable information available.

According to Regulation 1994 OSHA Hazard Communication Standard;
29 CFR Part 1910.1200

Emergency overview

COMBUSTIBLE LIQUID

INGESTION MAY CAUSE GASTRIC DISTURBANCES

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard;
29 CFR Part 1910.1200

CAS Number	Weight %	Chemical name
143-29-3	3.0 - 5.0 %	bis(2-(2-butoxyethoxy)ethoxy)m

According to Regulation 1994 OSHA Hazard Communication Standard;
29 CFR Part 1910.1200

CAS Number	Weight %	Chemical name
proprietary	7.0 - 10.0 %	blocked polyisocyanate

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety.

If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

If in eyes:

Flush with copious amounts of water for at least 15 minutes.

Hold eyelids open to facilitate rinsing.

If irritation develops, seek medical attention.

Seek medical attention.

If swallowed:

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06
Version: 3.0

Page: 3/9
(30417007/CDU_GEN_US/EN)

Most important symptoms and effects, both acute and delayed

Symptoms:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Dry extinguishing media

Carbon dioxide

Foam

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Remove product from areas of fire or otherwise cool sealed containers with water in order to avoid pressure build-up due to heat.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear suitable personal protective clothing and equipment.

Ensure adequate ventilation.

Avoid contact with skin and eyes.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06

Version: 3.0

Page: 4/9

(30417007/CDU_GEN_US/EN)

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

Methods and material for containment and cleaning up
Dike spillage.
Shovel into open container.

7. Handling and Storage

Precautions for safe handling
Store in a well-ventilated place. Keep cool.
Ensure adequate ventilation.
Do not puncture, drop or slide containers.
Use static lines when mixing and transferring material.
Handle and open container with care.
Avoid contact with the skin, eyes and clothing.

Protection against fire and explosion:
Use antistatic tools.
Sealed containers should be protected against heat as this results in pressure build-up.
Avoid all sources of ignition: heat, sparks, or open flame.

Conditions for safe storage, including any incompatibilities
Segregate from incompatible substances.
Segregate from oxidizing agents.

Further information on storage conditions:
Protect from direct sunlight.
Slow non-hazardous polymerization possible when at or exceeding maximum temperatures.

Storage stability:

8. Exposure Controls and Personal Protection

Components with occupational exposure limits
No occupational exposure limits known.

Advice on system design:

Personal protective equipment

Respiratory protection:
Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.
Observe OSHA regulations for respirator use (29 CFR 1910.134).

Hand protection:
Use appropriate chemically resistant gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06

Version: 3.0

Page: 5/9

(30417007/CDU_GEN_US/EN)

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Wear face shield if splashing hazard exists.

Body protection:

Body protection must be chosen based on activity level and exposure.

General safety and hygiene measures:

Work place should be equipped with a shower and eye wash.

Contact lenses should not be worn.

Remove contaminated clothing.

Contaminated equipment or clothing should be cleaned after each use or disposed of.

Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild
Odour threshold:	No applicable information available.
Colour:	Colourless
pH value:	5.90
Melting temperature:	No applicable information available.
Boiling range:	not applicable
Sublimation temperature:	No applicable information available.
Flash point:	142 - 198 °F (61.0 - 92.0 °C) (calculated)
Flammability:	No applicable information available.
Lower explosion limit:	not available
Upper explosion limit:	not available
Autoignition:	No applicable information available.
Vapour pressure:	not available
Density:	No applicable information available.
Relative density:	1.07
Vapour density:	heavier than air
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.
Thermal decomposition:	No applicable information available.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	7.30 mm ² /s
Solubility in water:	No applicable information available.
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation rate:	No applicable information available.

10. Stability and Reactivity

Reactivity

Reactivity:

No applicable information available.

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06

Version: 3.0

Page: 6/9

(30417007/CDU_GEN_US/EN)

Chemical stability

Chemical stability:

Possibility of hazardous reactions

Hazardous reactions:

No applicable information available.

Conditions to avoid

Conditions to avoid:

Avoid all sources of ignition: heat, sparks or open flames.

Avoid electrostatic discharge.

Incompatible materials

Substances to avoid:

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

nitrogen oxides

Thermal decomposition:

No applicable information available.

11. Toxicological Information

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity:

No applicable information available.

Oral

Acute oral toxicity:

No applicable information available.

Inhalation

Acute inhalation toxicity:

No applicable information available.

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06
Version: 3.0

Page: 7/9
(30417007/CDU_GEN_US/EN)

Dermal

Acute dermal toxicity:
No applicable information available.

Assessment other acute effects

Assessment of STOT single:
No applicable information available.

Irritation / corrosion

Assessment of irritating effects:
No applicable information available.

Sensitization

Assessment of sensitization:
No applicable information available.

Aspiration hazard
No applicable information available.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity:
No applicable information available.
Genetic toxicity

Assessment of mutagenicity:
No applicable information available.

Carcinogenicity

Assessment of carcinogenicity:
No applicable information available.

Reproductive toxicity

Assessment of reproduction toxicity:
No applicable information available.

Development

Assessment of teratogenicity:
No applicable information available.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Medical conditions aggravated by overexposure

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06

Version: 3.0

Page: 8/9

(30417007/CDU_GEN_US/EN)

The isocyanate component is a respiratory sensitizer. It may cause allergic reaction leading to asthma-like spasms of the bronchial tubes and difficulty in breathing.

Persons with asthmatic conditions, chronic bronchitis, other chronic respiratory diseases, recurrent eczema or pulmonary sensitization should be excluded from working with isocyanates. Once a person is diagnosed as having pulmonary sensitization (allergic asthma) to isocyanates, further exposure is not recommended.

Medical supervision of all employees who handle or come into contact with isocyanates is recommended.

12. Ecological Information

No applicable information available.

13. Disposal Considerations

Waste disposal of substance

Dispose of in accordance with national, state and local regulations.

Do not discharge into drains/surface waters/groundwater.

Container disposal

Dispose of in accordance with national, state and local regulations.

14. Transport Information

Reference Bill of Lading

Land transport

USDOT

Sea transport

IMDG

Air transport

IATA/ICAO

15. Regulatory Information

Federal Regulations

Registration status

TSCA, US released / listed

State regulations

State RTK

Safety data sheet

ZQ744299 CathoGuard 900

Revision date : 2016/06/06

Page: 9/9

Version: 3.0

(30417007/CDU_GEN_US/EN)

CAS Number
64-17-5

Chemical name
ethanol

CA Prop. 65

WARNING: This product contains a chemical(s) known to the State of California to cause birth defects or other reproductive harm.

NFPA Hazard codes

Health: 2

Fire: 2

Reactivity: 0

Special:

HMIS III rating

Health: 2

Flammability: 2

Physical hazard: 0

16. Other information

SDS prepared by: BASF NA Product Regulations

SDS prepared on 2016/06/06

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.