

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29

Page: 1/8

Version: 1.1

(30043836/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

Degressal® SD 20

Recommended use of the chemical and restriction on use

Recommended use*: Chemical

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

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

Telephone: +1 973 245-6000

Emergency telephone number

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

Other means of identification

Synonyms: fatty alcohol alkoxylate. Use: Raw material for the chemical-technical industry

2. Hazards Identification

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

Classification of the product

Aquatic Acute	3	Hazardous to the aquatic environment - acute
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Label elements

Hazard Statement:
H402 Harmful to aquatic life.

Precautionary Statements (Prevention):

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29
Version: 1.1

Page: 2/8
(30043836/SDS_GEN_US/EN)

P273 Avoid release to the environment.

Precautionary Statements (Disposal):

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

Hazards not otherwise classified

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 99.8 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 99.8 % Inhalation - dust

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 99.8 % Inhalation - mist

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

Emergency overview

Harmful to aquatic organisms.

Handle in accordance with good industrial hygiene and safety practice.

3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
Trade Secret	75.0 - 100.0 %	Propoxylated alcohol

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

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
Trade Secret	80.0 - 100.0 %	Propoxylated alcohol

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29

Page: 3/8

Version: 1.1

(30043836/SDS_GEN_US/EN)

If irritation develops, seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms: No significant symptoms are expected due to the non-classification of the product.

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:
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Keep people away and stay on the upwind side.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29
Version: 1.1

Page: 4/8
(30043836/SDS_GEN_US/EN)

7. Handling and Storage

Precautions for safe handling

Keep away from sources of ignition - No smoking.

Protection against fire and explosion:

Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

The product is not damaged by low temperatures or by frost.

Protect from temperatures above: 70 °C

Properties of the product change irreversibly on exceeding the limit temperature.

8. Exposure Controls/Personal Protection

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.

Hand protection:

Chemical resistant protective gloves

Consult with glove manufacturer for testing data.

Eye protection:

Safety glasses with side-shields.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	product specific	
Odour threshold:		No data available.
Colour:	yellow to brownish	
pH value:	9 - 10	(50 g/l) (DIN EN 1262) (as an emulsion)
solidification temperature:	approx. -50 °C	
Boiling point:		not relevant
Flash point:	> 100 °C	(DIN 51758)
Flammability:	not self-igniting	
Autoignition:	> 200 °C	(DIN 51794)
Vapour pressure:	< 0.1 hPa	(20 °C)

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29
Version: 1.1

Page: 5/8
(30043836/SDS_GEN_US/EN)

Density:	approx. 0.96 g/cm ³	(20 °C) (DIN 51757)
Relative density:	0.96	
Vapour density:		not determined
Self-ignition temperature:		not self-igniting
Thermal decomposition:	> 200 °C	
Viscosity, dynamic:	60 mPa.s	(23 °C)
Solubility in water:	< 0.02 g/l	insoluble
Miscibility with water:		immiscible
Solubility (quantitative):		non-polar solvents soluble
Solubility (qualitative):	soluble	
	solvent(s): alcohols, aromatic hydrocarbons, mineral oils, chlorinated hydrocarbons,	
Evaporation rate:		No data available.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

The product is chemically stable.

Conditions to avoid

No conditions known that should be avoided.

Incompatible materials

caustics, halogens, Alkalines, acids, reactive chemicals

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

> 200 °C

11. Toxicological information

Primary routes of exposure

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

Acute Toxicity/Effects

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29
Version: 1.1

Page: 6/8
(30043836/SDS_GEN_US/EN)

Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

Analogous: Assessment derived from products with similar chemical character.

Skin

Species: rabbit

Result: Slightly irritating.

Method: Draize test

Eye

Species: rabbit

Result: non-irritant

Method: Draize test

Chronic Toxicity/Effects

Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product.

12. Ecological Information

Toxicity

Aquatic invertebrates

EC50 (48 h) 10 - 100 mg/l, Daphnia magna

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

DIN 38412 Part 27 (draft) EC10 (17 h): > 10,000 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Elimination information

> 60 % BOD of the ThOD (28 d) (OECD Guideline 301 F) Biodegradable.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

Additional information

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

Other ecotoxicological advice:

Do not release untreated into natural waters.

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29
Version: 1.1

Page: 7/8
(30043836/SDS_GEN_US/EN)

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:

Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories):

Not hazardous;

NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2015/04/29

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

Safety Data Sheet

Degressal® SD 20

Revision date : 2015/04/29

Page: 8/8

Version: 1.1

(30043836/SDS_GEN_US/EN)

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.

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