SOLVENT SYSTEMS International, Inc.
Environmental Services

Offer Sheet

Product	Defoamer Industrol (DF – 204) (Specialty Silicone-Free Organic Defoamer)
Quantity	14 pallets (55-gallon drums)
Net weight	~33,750 lbs.
Manufacture date	
Availability	One time
Location	Chicago, IL
Date	8/5/26
COA & SDS	Attached below

Brian Svrusis
Solvent Systems International
575 Bennett Road
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: Surplus Inventory
Solvent-Systems.com

Industrol® DF-204 is a **specialty organic defoamer (antifoam agent)** developed by BASF. It is **silicone-free and mineral oil-free**, making it suitable for formulations where silicone contamination or mineral oil residues are undesirable. BASF specifically identifies it as a defoamer for **adhesive applications**.

Primary Commercial Uses

Industry	Application	Demand
Adhesive manufacturing	Controls foam during production and application	★★★★★
Pressure-sensitive adhesives	Labels, tapes, films	★★★★★
Packaging adhesives	Carton sealing, laminating	★★★★☆
Wood adhesives	PVA and specialty wood glues	★★★★☆
Construction adhesives	Flooring, panel, and assembly adhesives	★★★★☆
Paper converting	Adhesive coatings	★★★★☆
Textile adhesives	Fabric laminating	★★★☆☆
Specialty polymer formulations	Foam control during mixing	★★★☆☆

Why a Defoamer Is Used

Foam is a common problem during:

- High-speed mixing
- Pumping
- Filling
- Packaging
- Application of adhesives

Excess foam can cause:

- Air entrapment
- Surface defects
- Poor bond strength
- Inconsistent coating thickness
- Slower production rates

A defoamer like DF-204 breaks foam bubbles quickly and prevents new foam from forming, improving process efficiency and product quality.

Industries Most Likely to Purchase

The strongest target markets include:

Adhesive Manufacturers

- Pressure-sensitive adhesive producers
- Label adhesive manufacturers
- Packaging adhesive formulators
- Wood glue manufacturers
- Industrial assembly adhesive producers

Specialty Chemical Manufacturers

- Water-based polymer formulators
- Acrylic emulsion manufacturers
- Vinyl acetate emulsion producers
- Latex formulators

Toll Blenders

Companies that manufacture adhesives and specialty chemicals for third parties.

Chemical Distributors

Distributors specializing in:

- Adhesive additives
- Formulation additives
- Performance chemicals
- Industrial processing aids

Surplus Market Assessment

Marketability: 8/10

Strengths

- BASF-branded specialty additive
- Consumable product with recurring demand
- Broad use across adhesive manufacturing
- Drum packaging is attractive for resale

BASF Industrol® DF-204 – Specialty Silicone-Free Organic Defoamer

- Designed for adhesive formulations
- Controls foam during manufacturing and application
- Improves production efficiency and finished-product quality
- Bulk drums available
- COA and lot traceability available (if applicable)

BASF CORPORATION

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Certificate of Analysis

Customer:

BRENNTAG GREAT LAKES INC
4501 S AUSTIN AVE
CHICAGO IL 60638-1409

Attention: BGLQCLAB@BRENNTAG.COM
eMAIL: bglqclab@brenntag.com
Cust Prod: 842991
Cust Prod Name: Industrol DF 204 204KG 1A1 BM
Cust P.O.: 450204
Cust P.O. Line: 10
Manufacturing Location: US, SC, 29302 SPARTANBURG, 3455 Southport Rd

Product Number : 55116647
Product Name : Industrol® DF 204 204KG Steel drums
Vehicle : 8092
Batch/Lot : 0026821442
Manuf.Date : Mar-29-2023
Shipped Date : Jun-05-2023
Shipped Quantity : 24 PCA
Delivery Date : Jun-06-2023
Order Number : 119264104 000010
Delivery Note : 147488680 900002

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	Specification Minimum	Specification Maximum	Test Method
Appearance	Clear liquid				QCM 113
CLOUD POINT 1% Aq Soln	19		18	21	QCM 120
Color, APHA	6	Pt/Co.	0	70	QCM 121
Foreign Matter	None				QCM 128
pH, Apparent in 80:20 Methanol:Water	5.68		5.00	7.50	Methanol : Water = 80 : 2
Specific Gravity	1.010		1.010	1.030	QCM 164
Water % by Karl Fischer	0.16	Weight %	0.00	0.30	QCM 172

Comments :

The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE

I-Lot: 010002398816
Batch: 1000631459
NC-Raw Materials Lab
Material: 20032514
Amount: 100 ml
Lab Location: 1195_QC-TL60
Storage: Tight Container
DEFOAMER, INDUSTROL DF-204
NC-Raw Materials Lab
GLCA2023013519
Run#: Misc Raw Material
10307118
0026821442

Attached To:
WKS.0503 - 9 - 73
Enavarro 02 Aug 2023
Esmeralda Navarro

Verified By Seth Gudmundson 25-Aug-2023

```
**********************************************************
* ABBVIE INC                                             *
*                                                        *
* PRODUCT CODE: 23265                                    *
* PO: 4300197135                                         *
* MFG NAME: BASF CORP.CARE CHEM&FORMULATOR               *
**********************************************************
```

```
**********************************************************
* MFG SITE: SPARTANBURG, SC                              *
* DISTRIBUTOR: BRENNTAG                                  *
* LOT: 0026821442                                        *
* EXP DATE: 03/29/2025                                   *
* BRENNTAG GREAT LAKES, LLC                              *
**********************************************************
```

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.

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Certificate of Analysis

Customer:

BRENNTAG GREAT LAKES INC
4601 S AUSTIN AVE
CHICAGO IL 60638-1409

Attention: BGLQCLAB@BRENNTAG.COM
eMAIL: bglqclab@brenntag.com
Cust Prod: 842991
Cust Prod Name: Industrol DF 204 204KG 1A1 BM
Cust P.O.: 453481
Cust P.O. Line: 80
Manufacturing Location: US, SC, 29302 SPARTANBURG, 3455 Southport Rd

Product Number : 55116847
Product Name : Industrol® DF 204 204KG Steel drums
Vehicle : 7844
Batch/Lot : 0027383784
Manuf.Date : Jul-09-2023
Shipped Date : Jul-21-2023
Shipped Quantity : 12 PCA
Delivery Date : Jul-18-2023
Order Number : 119342084 000080
Delivery Note : 147578884 000014

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	Specification Minimum	Specification Maximum	Test Method
Appearance	Clear liquid				QCM 113
CLOUD POINT 1% Aq Soln	19		18	21	QCM 120
Color, APHA	4	Pt/Co.	0	70	QCM 121
Foreign Matter	None				QCM 125
pH Apparent in 80:20 Methanol:Water	7.01		5.00	7.50	Methanol : Water = 80 : 2
Specific Gravity	1.010		1.010	1.030	QCM 184
Water % by Karl Fischer	0.08	Weight %	0.00	0.30	QCM 172
Viscosity	204	cSt	185	210	QCM 262
NEXT INSPECTION DATE	-	Jul-08-2025			

Comments :

VERIFIED BY
11 OCT 2023
Carlos Pacheco

I-Lot: 010002448899
Batch: 1000652596
NC-Raw Materials Lab
Material: 20032514
Amount: 100 ml
Lab Location: 1195_QC-TL60
Storage: Tight Container
DEFOAMER, INDUSTROL DF-204
NC-Raw Materials Lab
GLCA2023016619
10412149
Run#: Misc Raw Material
0027383784

Page 1 of 1

10/11/2023
Jacqueline Ortiz

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THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE.

Attached to: DT-0045551423
11OCT2023

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**********************************************************
* ABBVIE INC                                             *
*                                                        *
* PRODUCT CODE: 23265                                    *
* PO: 4300197136                                         *
* MFG NAME: BASF                                         *
**********************************************************
```

```
**********************************************************
* MFG SITE: SPARTANBURG SC                               *
* DISTRIBUTOR: BRENNTAG                                  *
* LOT: 0027383784                                        *
* EXP DATE: 07/08/25                                     *
* BRENNTAG GREAT LAKES, LLC                              *
**********************************************************
```

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.

BASF CORPORATION

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Certificate of Analysis

Customer:		**Product Number**	: 55116647
		Product Name	: Industrol® DF 204 204KG Steel drums
BRENNTAG GREAT LAKES INC 4601 S AUSTIN AVE CHICAGO IL 60638-1409		**Vehicle**	: 7844
		Batch/Lot	: 0027383784
		Manuf.Date	: Jul-09-2023
Attention:	BGLQCLAB@BRENNTAG.COM	**Shipped Date**	: Jul-21-2023
eMAIL:	bglqclab@brenntag.com	**Shipped Quantity**	: 12 PCA
Cust Prod:	842991	**Delivery Date**	: Jul-18-2023
Cust Prod Name:	Industrol DF 204 204KG 1A1 BM	**Order Number**	: 119342064 000080
Cust P.O.:	453481		
Cust P.O. Line:	80	**Delivery Note**	: 147678884 900014
Manufacturing Location	US, SC, 29302 SPARTANBURG, 3455 Southport Rd		

Inspection Certificate 3.1 according to EN 10204

Characteristic	Result	UOM	Specification Minimum	Specification Maximum	Test Method
Appearance	Clear liquid				QCM 113
CLOUD POINT 1% Aq Soln	19		18	21	QCM 120
Color, APHA	4	Pt/Co.	0	70	QCM 121
Foreign Matter	None				QCM 128
pH Apparent in 80:20 Methanol:Water	7.01		5.00	7.50	Methanol : Water = 80 : 2
Specific Gravity	1.010		1.010	1.030	QCM 164
Water % by Karl Fischer	0.08	Weight %	0.00	0.30	QCM 172
Viscosity	204	cSt	185	210	QCM 262
NEXT INSPECTION DATE	-	Jul-08-2025			

Comments :

I-Lot: 010002650789
Batch: 1000672516
NC-Raw Materials Lab
Material:
20032514
Amount:
100 ml
Lab Location:
1195_QC-TL60
Storage:
Tight Container
DEFOAMER, INDUSTROL DF-204
NC-Raw Materials Lab
GLCA2023019318
Run#:
Misc Raw Material
10516019
0027383784

ASL Smith 6484 10-18-23

The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE.

VERIFIED BY
Jacqueline Ortiz 13OCT2023

Attached to: DT-004552845
Jocelyn LaBuda 20OCT2023

```
**********************************************************
* ABBVIE INC                                             *
*                                                        *
* PRODUCT CODE: 23265                                    *
* PO: 4300197137                                         *
* MFG NAME: BASF CORP.CARE CHEM&FORMULATOR               *
**********************************************************
```

```
**********************************************************
* MFG SITE: SPARTANBURG, SC                              *
* DISTRIBUTOR: BRENNTAG                                  *
* LOT: 0027383784                                        *
* EXP DATE: 07/08/25                                     *
* BRENNTAG GREAT LAKES, LLC                              *
**********************************************************
```

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.

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Safety Data Sheet
Industrol® DF 204

1. Identification

Product identifier used on the label

Industrol® DF 204

Recommended use of the chemical and restriction on use

Recommended use*: Raw material for the chemical-technical industry
Recommended use*: defoamer
Suitable for use in industrial sector: chemical industry

* 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: DEFOAMERS
Methyl-oxirane polymer with oxirane

2. Hazards Identification

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

Classification of the product

No need for classification according to GHS criteria for this product.

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.

3. Composition / Information on Ingredients

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

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air.

If on skin:
Wash thoroughly with soap and water.

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

If swallowed:
Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, carbon dioxide, 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 in confined areas or when exposed to combustion products.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:
Pack in tightly closed containers for disposal.

Personal precautions, protective equipment and emergency procedures
Use personal protective clothing. Information regarding personal protective measures, see section 8.

Environmental precautions
Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up
For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
For large amounts: Dike spillage. Pump off product.
Place into suitable container for disposal.

7. Handling and Storage

Precautions for safe handling
Keep container tightly closed. Protect from the effects of light.

Protection against fire and explosion:
Vapours may form ignitable mixture with air. Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat.

Conditions for safe storage, including any incompatibilities
Segregate from acids and bases. Segregate from strong oxidizing agents.

Further information on storage conditions: Keep in a cool place.

8. Exposure Controls/Personal Protection

Advice on system design:
Provide adequate exhaust ventilation to control work place concentrations.

Personal protective equipment

Respiratory protection:
Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:
Chemical resistant protective gloves

Eye protection:
Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:
Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	mild	
Colour:	colourless	
	No data available.	
pH value:	6 - 7	
	(as an emulsion)	
Boiling point:	> 149 °C	
	(1,013 hPa)	
:	No applicable information available.	
Flash point:	> 149 °C	(ASTM D93)
Autoignition:	No applicable information available.	
Vapour pressure:	< 0.13 hPa	
	(25 °C)	
Density:	1.01 g/cm3	
	(25 °C)	
Relative density:	1.01	
	(25 °C)	
Vapour density:	No data available.	
Partitioning coefficient n-octanol/water (log Pow):	-1.58	(calculated)
Self-ignition temperature:	not self-igniting	
Thermal decomposition:	No data available.	
Viscosity, dynamic:	No data available.	
Viscosity, kinematic:	No applicable information available.	
% volatiles:	< 1 %	
Solubility in water:	dispersible	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Evaporation rate:	No applicable information available.	
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

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

Incompatible materials
strong oxidizing agents

Hazardous decomposition products

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

Thermal decomposition:
No data available.

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

Oral
Type of value: LD50
Species: rat
Value: > 2,000 mg/kg

Inhalation
No applicable information available.

Dermal
Type of value: LD50
Species: rabbit
Value: > 2,000 mg/kg
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Literature data.

Skin
Species: rabbit

Result: non-irritant
Method: Draize test

Eye
Species: rabbit
Result: non-irritant
Method: Draize test

Chronic Toxicity/Effects

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

Symptoms of Exposure

12. Ecological Information

Toxicity

Aquatic plants
No data available.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

No data available.

Persistence and degradability

Elimination information

0 - 10 % DOC reduction (28 d) (OECD 301 A (new version)) (aerobic, activated sludge, domestic)
Not readily biodegradable (by OECD criteria).

Bioaccumulative potential

Bioaccumulation potential
No data available.

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

Add. remarks environm. fate & pathway:
No data available.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:
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): Refer to SDS section 2 for GHS hazard classes applicable for this product.

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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: 2019/09/12

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.

Industrol® DF 204 is a registered trademark of BASF Corporation or BASF SE
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END OF DATA SHEET