

CERIDUST 8090 TP

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Substance key: 000000503481

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SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Plastics & Coatings (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
	Information of the substance/preparation: Product Stewardship +1-704-331-7710
	Emergency tel. number: +1 800-424-9300 CHEMTREC

Trade name: CERIDUST 8090 TP
Material number: 272303
CAS number: 9004-34-6
Primary product use: Additive
Chemical family: Cellulose

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Combustible dust :

GHS Label element

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P233 Keep container tightly closed.

Other hazards

Potential dust explosion hazard.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture • Substance

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Cellulose	9004-34-6	100

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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SECTION 4. FIRST AID MEASURES

- General advice : Get medical advice/ attention if you feel unwell.
Treat symptomatically.
- If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.
- In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin
irritation occurs, seek medical attention.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical
attention if eye irritation develops or persists.
- If swallowed : If conscious, give the victim plenty of water to drink.
Consult a physician.
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the
labelling (see section 2).
No additional symptoms are known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : water
Carbon dioxide (CO₂)
Foam
Dry chemical
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- Further information : Wear suitable protective equipment.
- Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use respiratory protection if exposed to
vapours/dust/aerosols.
Utilize recommended protective clothing and equipment.

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Contain spill. Spills should be swept or shoveled up and collected for disposal, avoiding the formation of dust. Clean up may be accomplished by flushing with a limited quantity of water if appropriate or by removal of contaminated soil. Place material or soil in appropriate waste disposal containers.

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
No special environmental precautions required.

Methods and materials for containment and cleaning up : Take up mechanically and dispose of
Avoid dust formation.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Have fire-extinguishers in readiness before opening containers Combustible material Keep away from sources of ignition - No smoking. Dust can form an explosive mixture in air.

Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.
Avoid dust formation. Keep away from sources of ignition.
Lead off electrostatic charges.

Technical measures/Precautions : Keep container closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Cellulose	9004-34-6	TWA	10 mg/m ³	ACGIH
	Further information: Upper Respiratory Tract irritation, NA			
		TWA (Respirable)	5 mg/m ³	NIOSH REL
		TWA (total)	10 mg/m ³	NIOSH REL
		TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (Total)	15 mg/m ³	OSHA P0
		TWA (Respirable fraction)	5 mg/m ³	OSHA P0
		TWA (Total dust)	15 mg/m ³	OSHA P0

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		TWA (respirable dust fraction)	5 mg/m ³	OSHA P0
Respirable dust	Not Assigned		10 mg/m ³	
			15 mg/m ³	
			50	
			10 mg/m ³	
			10 mg/m ³	
			30 mg/m ³	
			50 mg/m ³	
			250 mg/m ³	
			5 mg/m ³	
			10 mg/m ³	
			15 mg/m ³	
			15 mg/m ³	
			15 mg/m ³	

Engineering measures : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

Personal protective equipment

Respiratory protection : Particle-filtering half-mask according to DIN EN 149
In case of insufficient exhaust ventilation, or prolonged exposure, use self-contained breathing apparatus.

Filter type : P1 filter

Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Safety glasses or chemical splash goggles.

Skin and body protection : Wear suitable protective equipment.

Protective measures : Observe the usual precautions for handling chemicals.

Hygiene measures : Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.
Use protective skin cream before handling the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : micropowder

Particle size : > 45 µm
Method : Sieve analysis

> 71 µm
Method : Sieve analysis

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Colour	:	white
Odour	:	odourless
Odour Threshold	:	not tested.
pH	:	6.0 - 8.0
Melting point	:	Not applicable
Boiling point	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Not classified as a flammability hazard Method: Flammability (solids) GLP: no
Upper explosion limit	:	not tested.
Lower explosion limit	:	30,000 mg/m ³
Combustion number :		BZ3 Local combustion without spreading (20 °C) Method : VDI 2263, ESCIS, Vol. 1 GLP: no BZ5 Complete combustion with flames (100 °C) Method : VDI 2263, ESCIS, Vol. 1 GLP: no
Vapour pressure	:	not tested.
Relative vapour density	:	not tested.
Density	:	ca. 1.5 g/cm ³
Bulk density	:	190 - 250 kg/m ³
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	Solvent: fat Description: insoluble
Partition coefficient: n-octanol/water	:	not tested.
Auto-ignition temperature	:	ca. 500 °C

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- Decomposition temperature : The substance or mixture is not classified self-reactive.
- Viscosity
Viscosity, dynamic : not tested.
- Explosive properties : Not explosive
Method: Expert judgement
GLP: no
- Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

- Reactivity : See section 10.3. "Possibility of hazardous reactions"
- Chemical stability : No decomposition if stored and applied as directed.
- Conditions to avoid : Keep away from heat.
- Incompatible materials : no data available
- Hazardous decomposition products : When handled and stored appropriately, no dangerous decomposition products are known
The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

- Acute oral toxicity : Remarks: not tested.
- Acute inhalation toxicity : Remarks: not tested.
- Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation**Product:**

Result: No skin irritation

Serious eye damage/eye irritation**Product:**

Result: No eye irritation

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Respiratory or skin sensitisation**Product:**

Result: non-sensitizing

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: not tested.

Germ cell mutagenicity - Assessment : No information available.

Carcinogenicity**Product:**

Carcinogenicity - Assessment : No information available.

IARC Not listed**OSHA** Not listed**NTP** Not listed**Reproductive toxicity****Product:**

Reproductive toxicity - Assessment : No information available.

Repeated dose toxicity**Product:**

Remarks: not tested.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish : Remarks: not tested.

Toxicity to daphnia and other aquatic invertebrates : Remarks: not tested.

Toxicity to algae : Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

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Persistence and degradability**Product:**

Biodegradability : Remarks: not tested.

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Mobility in soil

no data available

Other adverse effects**Product:**

Environmental fate and pathways : Remarks: no data available

Results of PBT and vPvB assessment : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological information : Avoid release to the environment.
This product has no known ecotoxicological effects.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act : No -- Not as sold.

Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

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SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.**Clean Water Act**

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.

For research use only.

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

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SAFETY DATA SHEET



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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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