

SAFETY DATA SHEET**FDM UR 190340 BN PEARL AS SMARTBATCH**

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SAFETY DATA SHEET**FDM UR 190340 BN PEARL AS SMARTBATCH****Section 1. Identification**

GHS product identifier : FDM UR 190340 BN PEARL AS SMARTBATCH
Chemical name : Mixture
CAS number : Mixture
Other means of identification : CC10202237
Product type : solid

Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.

Supplier's details : **AVIENT CORPORATION**
 33587 Walker Road, Avon Lake, OH 44012
 1 (440) 930-1000 or 1 (844) 4AVIENT

Emergency telephone number (with hours of operation) : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status :

Classification of the substance or mixture :

GHS label elements

Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.

Precautionary statements

General :

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Prevention :
 Response :
 Storage :
 Disposal :
 Supplemental label elements :
 Hazards not otherwise classified :

Section 3. Composition/information on ingredients

Substance/mixture :
 Chemical name : Mixture
 Other means of identification : CC10202237

CAS number/other identifiers

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Over-exposure signs/symptoms

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

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Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician :
- Specific treatments :

- Protection of first-aiders :

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media :
- Unsuitable extinguishing media :

- Specific hazards arising from the chemical :
- Hazardous thermal decomposition products :

- Special protective actions for fire-fighters :
- Special protective equipment for fire-fighters :

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel :
- For emergency responders :

- Environmental precautions :

Methods and materials for containment and cleaning up

- Small spill :
- Large spill :

Section 7. Handling and storage

Precautions for safe handling

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Protective measures :
 Advice on general occupational hygiene :

Conditions for safe storage, including any incompatibilities :

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Appropriate engineering controls :
 Environmental exposure controls :

Individual protection measures

Hygiene measures :
 Eye/face protection :

Skin protection

Hand protection :
 Body protection :
 Other skin protection :
 Respiratory protection :

Section 9. Physical and chemical properties

Appearance

Physical state : solid [Pellets.]
 Color : BROWN
 Odor : Faint odor.
 Odor threshold : Not available.
 pH : Not available.
 Melting point : Not available.
 Boiling point : Not available.
 Flash point : Not available.
 Burning time : Not available.
 Burning rate : Not available.
 Evaporation rate : Not available.

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- Flammability (solid, gas) : Not available.
- Lower and upper explosive (flammable) limits : **Lower:** Not available.
Upper: Not available.
- Vapor pressure : Not available.
- Vapor density : Not available.
- Relative density : Not available.
- Solubility : Not available.
- Solubility in water : insoluble in water.

- Partition coefficient: n-octanol/water : Not available.
- Auto-ignition temperature : Not available.
- Decomposition temperature : Not available.
- SADT : Not available.
- Viscosity : **Dynamic:** Not available.
Kinematic: Not available.

Aerosol product

- Heat of combustion : Not available.

- Ignition distance : Not available.
- Enclosed space ignition - Time equivalent : Not available.
- Enclosed space ignition - Deflagration density : Not available.
- Flame height : Not available.
- Flame duration : Not available.

Section 10. Stability and reactivity

- Reactivity :
- Chemical stability :
- Possibility of hazardous reactions :
- Conditions to avoid :
- Incompatible materials :
- Hazardous decomposition products :

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

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Conclusion/Summary : Mixture.Not fully tested.

Irritation/Corrosion

Conclusion/Summary

Skin : Mixture.Not fully tested.
Eyes : Mixture.Not fully tested.
Respiratory : Mixture.Not fully tested.

Sensitization

Conclusion/Summary

Skin : Mixture.Not fully tested.
Respiratory : Mixture.Not fully tested.

Mutagenicity

Conclusion/Summary

: Mixture.Not fully tested.

Carcinogenicity

Conclusion/Summary

: Mixture.Not fully tested.

Reproductive toxicity

Conclusion/Summary

: Mixture.Not fully tested.

Teratogenicity

Conclusion/Summary

: Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Aspiration hazard

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact :
Inhalation :
Skin contact :
Ingestion :

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Symptoms related to the physical, chemical and toxicological characteristics

Eye contact :
 Inhalation :
 Skin contact :
 Ingestion :

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
 Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
 Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Mixture.Not fully tested.
 General :
 Carcinogenicity :
 Mutagenicity :
 Teratogenicity :
 Developmental effects :
 Fertility effects :

Numerical measures of toxicity

Acute toxicity estimates

Other information : This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Section 12. Ecological information

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Toxicity

Product/ingredient name	Result	Species	Exposure
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Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily available as they are bound within the polymer matrix.		

Conclusion/Summary : Chemicals are not readily available as they are bound within the polymer matrix.

Persistence and degradability

Conclusion/Summary : Chemicals are not readily available as they are bound within the polymer matrix.

Conclusion/Summary : Chemicals are not readily available as they are bound within the polymer matrix.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (KOC) : Not available.

Other adverse effects :

Section 13. Disposal considerations

Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water : Not regulated for transportation.

International Air ICAO/IATA : Not classified as dangerous goods under transport regulations.

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International Water : Not classified as dangerous goods under transport regulations.
 IMO/IMDG

Section 15. Regulatory information

U.S. Federal regulations : **United States - TSCA 12(b) - Chemical export notification:** None of the components are listed.

- Clean Air Act Section 112(b) :
- Hazardous Air Pollutants (HAPs) :
- Clean Air Act Section 602 Class I Substances :
- Clean Air Act Section 602 Class II Substances :
- DEA List I Chemicals (Precursor Chemicals) :
- DEA List II Chemicals (Essential Chemicals) :

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

Not applicable.

State regulations
California Prop. 65

United States inventory (TSCA 8b) : All components are active or exempted.

Canada inventory : Not determined.

International regulations

Inventory list

- Australia** : Not determined.
- Canada** : Not determined.

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China	:	Not determined.
Europe inventory	:	Not determined.
Japan	:	Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are active or exempted.

Section 16. Other information

History

Date of printing	:	05/17/2022
Date of issue/Date of revision	:	05/16/2022
Date of previous issue	:	00/00/0000
Version	:	1.0

Key to abbreviations

:	ATE = Acute Toxicity Estimate
:	BCF = Bioconcentration Factor
:	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
:	IATA = International Air Transport Association
:	IBC = Intermediate Bulk Container
:	IMDG = International Maritime Dangerous Goods
:	LogPow = logarithm of the octanol/water partition coefficient
:	MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
:	UN = United Nations

References	:	Not available.
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