



ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Agencourt® AMPure XP Beads
 Product code 500081 AMPure XP Beads
 CAS No. None assigned.

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

Identified Use(s) Analytical reagent. For research use only.
 Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Company Identification Oxford Gene Technology Inc.
 (North America office)
 520 White Plains Road, Suite 500
 Tarrytown, NY 10591
 Telephone 914 467 5285
 E-mail support@ogt.com

1.4 Emergency telephone number

Company 914 467 5285

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

US CFR 1910.1200 Not classified as dangerous for supply/use.

2.2 Label elements

Product Name Agencourt® AMPure XP Beads
 Hazard Pictogram(s) None.
 Signal Word(s) None.
 Hazard Statement(s) None.
 Precautionary Statement(s) None.

2.3 Other hazards

None known.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|-------------------------|------------|------|---------------------|---------------------|
| Sodium azide | 26628-22-8 | <0.1 | Acute Tox. 2 H300 | GHS06 |

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

| | |
|--------------|---|
| Inhalation | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Skin Contact | Wash skin with water. |
| Eye Contact | Flush eyes with water for at least 15 minutes. |
| Ingestion | Wash out mouth with water. |

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

| | |
|--------------------------------|--|
| Suitable extinguishing media | Water spray, foam, dry powder or CO ₂ . |
| Unsuitable extinguishing media | None known. |

5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

General hygiene measures for the handling of chemicals are applicable. Wear appropriate personal protective equipment, avoid direct contact. Do not eat, drink or smoke at the work place. Wash hands and exposed skin after use.

7.2 Conditions for safe storage, including any incompatibilities

| | |
|------------------------|---|
| Storage temperature | Ambient. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | Strong oxidizing agents. Strongly acidic. Strongly alkaline. Metals and metallic compounds. |

7.3 Specific end use(s)

For research use only.



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

| SUBSTANCE | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m³) | STEL (ppm) | STEL (mg/m³) | Note |
|--------------|------------|---------------------|-----------------------|------------|--------------|---------------------------|
| Sodium azide | 26628-22-8 | 0.1 | 0.3 | - | - | OSHA PEL, S, C |
| Sodium azide | 26628-22-8 | - | - | 0.11 | 0.29 | ACGIH TLV, STEL = C, a, b |

| Remark | Notes |
|-----------|--|
| OSHA PEL | Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs). |
| S | Skin Sensitization |
| C | Ceiling limit |
| ACGIH TLV | The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®) 2018 |
| STEL = C | short-term exposure = ceiling limit |
| a | 0.11 ppm (as HN3 vapor) |
| b | 0.29 mg/m3 (as NaN3) |

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Handling of larger amounts: Wear protective eye glasses for protection against liquid splashes.



Skin protection Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to high levels of material are likely.



Thermal hazards Not applicable.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--|----------------------|
| Appearance | Liquid. |
| | Color : Brown. |
| Odor | Odorless. |
| Odor threshold | Not established. |
| pH | 8-8.4 |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash Point | Not applicable. |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Density (g/ml) | Not available. |
| Relative density | ~1.127 |
| Solubility(ies) | Miscible with water. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature (°C) | Not available. |
| Viscosity | Not available. |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents. Strongly acidic. Strongly alkaline. Metals and metallic compounds.

10.6 Hazardous decomposition products

No hazardous decomposition products known.



SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|--------------------------------|--|
| Acute toxicity | Low acute toxicity. |
| Skin corrosion/irritation | Non-irritant. |
| Serious eye damage/irritation | Non-irritant. |
| Skin sensitization data | It is not a skin sensitizer. |
| Respiratory sensitization data | Not classified. |
| Germ cell mutagenicity | There is no evidence of mutagenic potential. |
| Carcinogenicity | No evidence of carcinogenicity. |
| Reproductive toxicity | No evidence of reproductive effects. |
| Lactation | Not classified. |
| STOT - single exposure | None anticipated. |
| STOT - repeated exposure | None anticipated. |
| Aspiration hazard | Not classified. |

11.2 Other information

None.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to aquatic organisms.

12.2 Persistence and Degradation

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of empty containers and wastes safely.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.



SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z) Not listed.

CFR 1910; Subpart Z)

National emission standards for hazardous air pollutants (40 CFR 61.01) Not listed.

hazardous air pollutants (40 CFR 61.01)

SARA Title III Section 313 Not listed.

TSCA (Toxic Substance Control Act) Listed : 26628-22-8

CAA 602 - Ozone Depleting Substances (ODS) Not listed.

(ODS)

15.2 US State Regulations - State Right to Know Lists

Proposition 65 (California) Not listed.

Minnesota Listed : 26628-22-8

New Jersey Listed : 26628-22-8

Pennsylvania Listed : 26628-22-8

Rhode Island Listed : 26628-22-8

15.3 Other

OSPAR List of Chemicals for Priority Action Not listed.

Action

OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives) Not listed.

Chemicals, Toxics and Reactives)

NTP (National Toxicology Program) Not listed.

IARC (International Agency for Research on Cancer) Not listed.

on Cancer)

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 16

| NFPA Rating | |
|-----------------|---|
| Health | 0 |
| Flammability | 0 |
| Instability | 0 |
| Special Hazards | |

LEGEND

Acronyms

CAS : Chemical Abstracts Service
LTEL : Long term exposure limit
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations

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