1. IDENTIFICATION
1.1 Product Identifier: 5A Zeolite  P/N: 820348.901  
1.2 Product Use: For laboratory use only; for use only with TA Instruments. Not for drug, household or other uses.  
1.3 Supplier Information:  
TA Instruments Inc.  
159 Lukens Drive  
New Castle, DE 19720  U.S.A.  
Tel: +1 302-427-4000  
FAX: +1 302-427-4001  
www.tainstruments.com  
1.4 Emergency Telephone Number  
FOR CHEMICAL EMERGENCY  
24 Hours per Day, 7 Days per Week  
Call CHEMTREC 800-424-9300  
Outside N. America call collect +1 703-527-3887  
SDS email inquiries: info@tainstruments.com  
1.5 Date: Rev C, February 12, 2016  
1.6 Supplier Information:  
TA Instruments, A Division of Waters NV/SA  
Connexion Business Park  
Brusselsesteenweg 500  
B-1731 Zellik, Belgium  
Phone: 32/2 706 00 80  
Fax: 32/2 706 00 81  
Email: Belgium@tainstruments.com  
1.7 EU:  
TA Instruments, A Division of Waters NV/SA  
Connexion Business Park  
Brusselsesteenweg 500  
B-1731 Zellik, Belgium  
Phone: 32/2 706 00 80  
Fax: 32/2 706 00 81  
Email: Belgium@tainstruments.com  
1.8 Notes:  
Product is provided as a pellet in a vial. This product does not contain candidate substances of very high concern at a concentration >= 0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).

2. HAZARDS IDENTIFICATION  
2.1 Classification: Not classified as hazardous per GHS and OSHA. Not dangerous according to the criteria set by the European Union (EU); not listed in Table 3.1 Annex VI of regulation 1272/2008/EU, as amended. The product is not hazardous in the form in which it is placed on the market and under the normal and recommended conditions of storage and use.  
2.2 Label Elements: None required.  
2.3 Other Hazards: None. Use only as directed and in accordance with safe laboratory practices.

3. COMPOSITION/INFORMATION ON INGREDIENTS  
3.1: Substances:  
CHEMICAL INGREDIENT NAME  
CAS NUMBER  
EC NUMBER  
% by Weight  
OSHA  
ACGIH  
EU IOELV  
Molecular Sieve, 5 Å  
69912-79-4  
615-031-0  
100  
NA  
NA  
NA  
Notes: Product is provided as a pellet in a vial. This product does not contain candidate substances of very high concern at a concentration >= 0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).

4. FIRST AID MEASURES  
4.1: Description of First Aid Measures:  
Inhalation: Remove to fresh air.  
Skin Contact: Flush with water.  
Eye Contact: Immediately flush with water for a minimum of 15 minutes.  
Ingestion: Get medical attention.  
4.2: Most important symptoms and effects: No important symptoms and effects.  
4.3: Indication of any immediate medical attention or special treatment: No special treatment required. After following first aid measures, seek medical attention if desired.

5. FIRE-FIGHTING MEASURES  
Flammable Properties: Not flammable.  
5.1 Extinguishing Media: Dry chemical, carbon dioxide or appropriate foam.  
5.2 Special hazards contributing to a fire: No additional information available.  
5.3 Advice for firefighters: No additional information available.  
Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

6. ACCIDENTAL RELEASE MEASURES  
6.1 Personal precautions, protective equipment and emergency procedures: Due to small quantities involved, spills or leaks should not pose a problem. Sweep up and place wastes into closed containers for proper disposal.  
6.2 Environmental precautions: No additional information available.  
6.3 Methods and material for containment and clean up: Sweep up and place wastes into closed containers for proper disposal.  
6.4 Reference to other sections: For disposal see Section 13.

7. HANDLING AND STORAGE  
Handle as directed and in accordance with safe laboratory practices.  
7.1 Precautions for safe handling: No special precautions.  
7.2 Conditions for safe storage: No special conditions.  
7.3 Specific end use: For laboratory use only; for use only with TA Instruments. Not for drug, household or other uses.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION  
8.1 Control parameters: Handle in accordance with safe laboratory practices.  
8.2 Exposure controls:  
Respiratory Protection: Not normally needed.  
Eye Protection: Safety glasses with side protection.  
Skin Protection: No special requirements. Disposable nitrile gloves are acceptable for light intermittent exposure.  
Engineering Controls: No special requirements.
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pellet
Physical State: Solid
Flash Point: NA
Vapor Pressure: NA
Odor: None
Explosion Limits: NA
Vapor Density (air=1): NA
pH: NA
Boiling Point: NA
Solubility in Water: Insoluble
Specific Gravity: NA
Melting Point: NA
Other: NA

10. STABILITY AND REACTIVITY

10.1 Reactivity: Hazardous Polymerization
☐ Will Not Occur
☐ May Occur
10.2 Stability: Stable.
10.3 Possibility of hazardous reactions: No additional information available.
10.4 Conditions & Materials to Avoid: Hydrofluoric acid, strong acids, strong bases.
10.5 Incompatible materials: Hydrofluoric acid, strong acids, strong bases.
10.6 Hazardous decomposition products: No additional information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified.
Skin corrosion/irritation: Not classified.
Serious eye damage/irritation: Not classified.
Respiratory or skin sensitization: Not classified.
Carcinogenicity: No component of this product present at levels >= 0.1% is classified as carcinogenic by OSHA, IARC (Group1, 2A/2B), NTP (Group1/2), or ACGIH.
Reproductive toxicity: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Specific target organ toxicity (STOT) (single exposure): Not classified.
STOT (repeated exposure): Not classified.
Aspiration hazard: Not classified.
POTENTIAL adverse human health effects and symptoms: Small amounts: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. Large amounts: Not applicable.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: Small amounts: This product is not classified as environmentally hazardous. Large amounts: Not applicable.
12.2 Persistence and degradability: No additional information available.
12.3 Bioaccumulative potential: No additional information available.
12.4 Mobility in soil: No additional information available.
12.5 Results of PBT and vPvB: No additional information available.
12.6 Other adverse effects: No additional information available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Consult state, local or national regulations for proper disposal. The U.S. Environmental Protection Agency (EPA) does not classify unused product as hazardous waste.

14.1 UN number: Not applicable.
14.2 UN proper shipping name: Not applicable.
14.3 Transport hazard class: Not applicable.
14.4 Packing group: Not applicable.
14.5 Environmental hazards: No additional information available.
14.6 Special precautions for user: No additional information is available.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the substance or mixture:
15.1.1 EU-regulations: No REACH Annex XVII restrictions.
15.1.2 National regulations:
U.S. TOSCA: Not listed: For laboratory use only.
Canada: This product has been classified according to the hazard criteria of the Controlled Product Registration (CPR) and this SDS contains all the information required by the CPR.
15.2 Chemical safety assessment: No additional information available.

16. OTHER INFORMATION

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<th>U.S. EPA</th>
<th>National Fire Protection Association Rating</th>
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<td>SARA 313 Chemicals</td>
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Notes, abbreviations and acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists
ADR: European Agreement concerning the International Carriage of
    Dangerous Goods by Road
CAS: Chemical Abstracts Service (division of the American Chemical Society)
EC: European Commission
EU IOELV: European Union Indicative Occupational Exposure Limit Values
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
NA: Not Available.
OSHA: U.S. Occupational Safety and Health Administration
US DOT: U.S. Department of Transportation

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. TAI/Waters makes no warranties and assumes no liability in connection with the use of this information. It is the user’s responsibility to determine the suitability of this information and to assure the adoption of necessary precautions.