



AMSA, INC.®  
4714 S. Garfield Road  
Auburn, MI USA 48611  
Phone: 989-662-0377

## SAFETY DATA SHEET

### I. IDENTIFICATION

**GHS Product Identifier:** DTEA II™ SR Plus SC  
**Synonyms:** None  
**General Description:** Slow Release Tablet.  
Industrial water treatment product  
**SDS Identification Code:** 102-050614  
**Revision Date:** 05/06/2014  
**24 hour Emergency Response:** 1-888-739-0377

NFPA Rating	
Health	2
Fire	1
Reactivity	0

#### Rating Scale

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

**Recommended Use:** Organic deposit penetrant, dispersant, remover and, corrosion and scale inhibitor. Slow release formula.

### II. HAZARD IDENTIFICATION

**Hazard Classification:** Acute toxicity, (Oral) category 4  
Skin irritation, category 2  
Eye irritation, category 2

**Signal Word:** Warning

**Hazard Statement(s):**  
H302: Harmful if swallowed.  
H315: Causes skin irritation  
H319: Causes serious eye irritation

**Pictograms of related hazards:**



#### Precautionary Statements:

P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330: Rinse mouth.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362: Take off contaminated clothing and wash before reuse.  
P321: Specific treatment (see First Aid Measures on Safety Data Sheet)  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

**Description of other Hazards:** Not available

### III. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient(s)</b>	<b>CAS Number</b>	<b>Approximate Wt.</b>
*Alkylamide hydrolysate	Proprietary	5-25
Tetrasodium 1-hydroxyethylidenediphosphonate	3794-83-0	10-20

\* Chemical Identity and/or exact percentage of composition has been withheld as a trade secret.

#### IV. FIRST-AID MEASURES

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Seek medical attention if irritation develops or persists.

**Skin Contact:** Wash off with plenty of soap and water. Take off contaminated clothing and wash before reuse. Seek medical attention if irritation develops or persists.

**Ingestion:** If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if you feel unwell.

**Inhalation:** Move to fresh air. Seek medical advice if effects persist.

**Note to Physicians:** Not Available

#### V. FIRE-FIGHTING MEASURES

**Extinguishing Media:** To extinguish combustible residues of this product, use water fog, carbon dioxide, dry chemical, or foam.

**Fire and Explosion Hazards:** No specific hazards.

**Hazardous products of combustion:** Decomposes on heating emitting toxic fumes, including those of oxides of nitrogen, oxides of phosphorous and oxides of carbon.

**Fire Fighting Equipment:** In the event of a fire, self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

#### VI. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear protective equipment to prevent skin and eye contact. Avoid dust formation. Avoid breathing vapors, mist or dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental Precautions:** Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

##### Methods for clean-up:

**Small Spill:** Sweep up and shovel and then collect and seal in properly labeled containers or drums for disposal.

**Large Spill:** Sweep up and shovel and then collect and seal in properly labeled containers or drums for disposal.

#### VII. HANDLING AND STORAGE

- Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing dust. Refer to "Exposure Controls/Personal Protection," Section 8, of the MSDS.
- Storage:** Store in a cool, dry, well ventilated place. Keep containers tightly closed when not in use. Do not store near food, foodstuff, drugs or potable water supplies. Storage must only be in original containers.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:**

<b>OSHA Permissible Exposure Limits (PELs):</b>	Not Available
<b>American Conference of Governmental Industrial Hygienists (ACGIH):</b>	Not Available
<b>Threshold Limit Values (TLVs):</b>	Not Available
<b>Other Exposure Limits:</b>	Not Available

- Engineering Controls:** Natural ventilation should be adequate under normal use conditions. If inhalation risk exists: Use with local exhausts ventilation or while wearing suitable respirator. Keep containers closed when not in use. Maintain eye wash fountain and quick-drench facilities in work area.

**Personal Protection:**

- Eye Protection:** Use chemical safety glasses with side shields are recommended.
- Hand Protection:** Wear protective gloves
- Skin Protection:** Wear clean body-covering clothing or apron
- Respiratory Protection:** Respiratory protection is not normally needed under typical use and handling conditions. If it is possible to generate significant levels of vapors, mists or dust, a NIOSH approved or equivalent respirator is recommended.



### IX. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Test Used (if applicable)
<b>Appearance:</b>	Solid	
<b>Odor:</b>	Mild	
<b>pH:</b>	Not applicable	
<b>Specific Gravity:</b>	Not available	
<b>Relative Density:</b>	Not available	
<b>Melting/Freezing Point:</b>	Not applicable	
<b>Initial Boiling Point and boiling range:</b>	Not applicable	
<b>Flash Point:</b>	Not applicable	
<b>Solubility (water):</b>	Slowly soluble in more than 10 times its own volume	
<b>Viscosity:</b>	Not applicable	
<b>Flammability (solid, gas):</b>	Not available	
<b>Upper/Lower flammability limits:</b>	Not available	
<b>Vapor Pressure:</b>	Not available	
<b>Vapor Density:</b>	Not available	
<b>Evaporation rate:</b>	Not applicable	
<b>Auto-ignition Temperature:</b>	Not available	
<b>Decomposition Temperature:</b>	Not available	
<b>Partition coefficient: n-octanol/water:</b>	Not available	

**Note:** These physical properties are typical values for this product and not specifications.

## X. STABILITY AND REACTIVITY

<b>Reactivity Data:</b>	No specific data for this product
<b>Chemical Stability:</b>	
<b>Stability under normal conditions:</b>	Stable under ordinary conditions of use and storage.
<b>Stabilizers needed:</b>	None needed
<b>Other Information:</b>	
<b>Conditions to avoid:</b>	Product can decompose at elevated temperatures.
<b>Materials to avoid:</b>	Strong oxidizing and reducing agents, aldehydes, caustic materials
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Decomposes on heating emitting toxic fumes, including those of oxides of nitrogen, oxides of phosphorous and oxides of carbon.

## XI. TOXICOLOGICAL INFORMATION

<b>Toxicity Studies:</b>	No toxicity studies have been conducted on this product.
<b>Acute Toxicity:</b>	No LD50 data available for the product. For the constituent: *Alkylamide hydrolysate: Acute oral LD50 (rat): 5000 mg/kg Acute dermal LD50 (rabbit): 2000 mg/kg *Similar product tested For the constituent: Tetrasodium 1- hydroxyethylidenediphosphonate Acute oral LD50 (rat): 940 mg/kg Acute dermal LD50 (rabbit): 1650 mg/kg
<b>Skin Corrosion/Irritation:</b>	Not available
<b>Serious Eye Damage/Irritation:</b>	Not available
<b>Respiratory or Skin Sensitization:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Carcinogenicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>STOT-single exposure:</b>	Not available
<b>STOT-repeated exposure:</b>	Not available
<b>Aspiration Hazard:</b>	Not available

## XII. ECOLOGICAL INFORMATION

<b>Toxicity:</b>	No ecological studies have been conducted on this product.
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>Other Adverse Effects:</b>	Not available

## XIII. DISPOSAL CONSIDERATIONS

<b>Recommended Disposal Containers:</b>	Not available
<b>Recommended Disposal Methods:</b>	Consult local regulations regarding proper disposal as they may be more restrictive or otherwise different from Federal/International regulations.
<b>Physical and Chemical Properties that Affect Disposal:</b>	Not available

**Sewage Disposal:** Not available  
**Special Precautions for Landfills or Incineration:** Not available

#### XIV. TRANSPORT INFORMATION

The proper shipping name and/or hazard class for this product may vary according to packaging, properties and mode of transportation. Typical proper shipping names for this product are:

**Transportation Mode:** DOT  
DOT Status: Non-Regulated  
UN/ID Number:  
Proper Shipping Name:  
Technical Name:  
Hazard Class (subclass):  
Packing Group:

**Transportation Mode:** IATA/ICAO  
IATA/ICAO Status: Non-Regulated  
UN/ID Number:  
Proper Shipping Name:  
Technical Name:  
Hazard Class (subclass):  
Packing Group:

**Transportation Mode:** IMDG  
IMDG Status: Non-Regulated  
UN/ID Number:  
Proper Shipping Name:  
Technical Name:  
Hazard Class (subclass):  
Packing Group:

**Other Information:**  
**Harmonized Tariff Number:** Not available  
**Flash Point:** Not available  
**RQ lbs:** Not available  
**RQ Component(s):** Not available

#### XV. REGULATORY INFORMATION

##### US Federal Regulations:

**OSHA Hazard Communication Status:** Hazardous

**TSCA:** The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

##### **CERCLA: EPA Hazardous Substances (40 CFR 302):**

<u>Chemical Name</u>	<u>CERCLA Reportable Quantity (RQ)</u>
None	

##### **SARA TITLE III (Sections 302, 311, 312, and 313):**

**Section 302 Extremely Hazardous Substances (40 CFR 355):**

---

<u>Chemical Name</u>	<u>CAS#</u>	<u>RQ</u>	<u>TPQ</u>
None			

**Section 311 and 312 Health and Physical Hazards:**

<u>Immediate</u>	<u>Delayed</u>	<u>Fire</u>	<u>Pressure</u>	<u>Reactivity</u>
yes	no	no	no	no

**Section 313 Toxic Chemicals (40 CFR 372):**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Percent by Weight</u>
None		

**US State Regulations:**

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**There are no known additional requirements necessary for compliance with State Right to Know Regulations.**

**International Inventories:**

Inventory name:

<u>Country(s) or region</u>	<u>Inventory name:</u>	<u>On inventory (yes/no)</u>
Canada Domestic Substances List (DSL):		Yes
Canada Non-Domestic Substances List (NDSL):		No

**XVI. OTHER INFORMATION**

Revision Date: 05/05/2014  
Revision Number: 1  
Reason for revision: NEW

**NOTICE:** The information accumulated herein is believed to be accurate based on the information provided, although no guarantee or warranty, either expressed or implied is made as to the accuracy or completeness of this information, whether originating with this company or not. Recipients are advised to confirm in advance of need that the information is correct, applicable and suitable to their circumstances. The conditions or methods of handling, storage, use and disposal of the product and container are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage or use of this information or product. If the product is used as a component in another product, this information may not be applicable.