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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

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

* 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:	
OSHA Permissible Exposure Limits (PELs):	Not Available
American Conference of Governmental Industrial Hygienists (ACGIH):	Not Available
Threshold Limit Values (TLVs):	Not Available
Other Exposure Limits:	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)
Appearance:	Solid	
Odor:	Mild	
pH:	Not applicable	
Specific Gravity:	Not available	
Relative Density:	Not available	
Melting/Freezing Point:	Not applicable	
Initial Boiling Point and boiling range:	Not applicable	
Flash Point:	Not applicable	
Solubility (water):	Slowly soluble in more than 10 times its own volume	
Viscosity:	Not applicable	
Flammability (solid, gas):	Not available	
Upper/Lower flammability limits:	Not available	
Vapor Pressure:	Not available	
Vapor Density:	Not available	
Evaporation rate:	Not applicable	
Auto-ignition Temperature:	Not available	
Decomposition Temperature:	Not available	
Partition coefficient: n-octanol/water:	Not available	

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

X. STABILITY AND REACTIVITY

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

XI. TOXICOLOGICAL INFORMATION

Toxicity Studies:	No toxicity studies have been conducted on this product.
Acute Toxicity:	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
Skin Corrosion/Irritation:	Not available
Serious Eye Damage/Irritation:	Not available
Respiratory or Skin Sensitization:	Not available
Germ Cell Mutagenicity:	Not available
Carcinogenicity:	Not available
Reproductive Toxicity:	Not available
STOT-single exposure:	Not available
STOT-repeated exposure:	Not available
Aspiration Hazard:	Not available

XII. ECOLOGICAL INFORMATION

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

XIII. DISPOSAL CONSIDERATIONS

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