

Material Safety Data Sheet

SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: VA Flocc 8265

Manufacturer's Name: Siemens Industry, Inc. - Water Technologies Business Unit

Address: 2650 Tallevast Road, Sarasota, FL 34243

Product/Technical Information Phone Number: 1.941.355.2971

Medical/Handling Emergency Phone Number: CHEMTREC 1.800.424.9300
24 hours a day

Transportation Emergency Phone Number: CHEMTREC 1.800.424.9300
24 hours a day

Issue Date: April 2006

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SECTION 2 – COMPOSITION INFORMATION

<u>Chemical Name</u>	<u>Percent by Weight</u>	<u>CAS#</u>
Ethanaminium, N, N, N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamide	20-45	69418-26-4
Petroleum distillates, hydrotreated light	20-30	64742-47-8
Poly (oxy-1,2-ethanediyl), α -(4-nonylphenyl)- α -hydroxy-, branched	1-3	127087-87-0
Non-hazardous ingredients	Balance	None

SECTION 3 – HAZARDS IDENTIFICATION

Appearance & Odor: White, viscous liquid with a mild hydrocarbon odor.

Emergency Overview: Irritating to the eyes, respiratory system, and skin. Spilled product may be slippery.

Fire & Explosion Hazards: This product burns with difficulty but the petroleum hydrocarbon component, if separated from the product, is combustible.

Primary Route(s) of Exposure: Eyes and skin contact, inhalation.

Inhalation – Acute Effects: May irritate respiratory system. Avoid prolonged inhalation of heated vapors.

Skin Contact – Acute Effects: May be irritating to the skin. Symptoms may include reddening, swelling of affected area with itching and possible burning.

Eye Contact – Acute Effects: May be irritating to the eyes.

Ingestion – Acute Effects: May be harmful if swallowed. Seek medical attention.

Material Safety Data Sheet

SECTION 4 – FIRST AID MEASURES

Inhalation First Aid: Inhalation of mists into lungs may cause pulmonary disorder. Obtain medical attention for any continued discomfort.

Skin Contact First Aid: Immediately remove clothing from affected area and wash skin for 15 minutes with flowing water. Get medical attention if irritation develops.

Eye Contact First Aid: Immediately irrigate eyes with flowing water continuously for 15 minutes while holding eyes open. Contacts should be removed before or during flushing. Obtain medical attention.

Ingestion First Aid: If spontaneous vomiting occurs, have affected person lean forward with head down to avoid breathing in vomitus. Obtain medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point/Method: >212° F/COC

Auto Ignition Temperature: Not determined

Upper/Lower Explosion Limits: Not determined

Extinguishing Media: Dry chemical, foam, carbon dioxide, water, fog.

Fire Fighting Procedures: Firefighters should wear full protective equipment including self-contained breathing apparatus.

Fire & Explosion Hazards: No unusual hazards.

Hazardous Products of Decomposition and/or Combustion: Thermal decomposition releases oxides of carbon and nitrogen.

NFPA Ratings: HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Shovel material into appropriate container for disposal. Removes spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State, Local and Provincial laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

SECTION 7 – HANDLING AND STORAGE

Handling: Do not get in eyes, on skin, or clothing. Do not taste or swallow. Avoid breathing mists or fumes. Do not handle with bare hands. Mix well before using.

Material Safety Data Sheet

Storage: Store in closed, properly labeled tanks or containers. Store in a cool, well ventilated area away from incompatible materials. DO NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. DO NOT reuse empty containers without commercial cleaning or reconditioning.

SECTION 8 –PERSONAL PROTECTION/ EXPOSURE CONTROL

Respiratory Protection: None required under normal use conditions. When engineering, work practice, or other means of exposure reduction are not adequate, NIOSH approved respirators with mist canisters may be necessary to prevent overexposure by inhalation.

Skin Protection: Wear chemical resistant gloves and long sleeves. Wear a rubber apron if splashing is likely.

Eye Protection: Chemical goggles. Wear a face shield if splashing or aerosol generation is likely.

Ventilation Protection: Ventilations should be provided to control worker exposures and prevent health risk and as necessary to reduce, prevent, and control aerosol generation.

Other Protection: Safety showers, with quick opening valves which stay open, and eye wash fountains, or other means of washing the eyes with a gentle flow of cool to tepid water, should be available near areas where this material is handled or stored.

Exposure Limits:

Exposure limits have not been set for this product, However, for its component:
Petroleum Distillates, hydrotreated light, ACGIH 8 hr TWA = 200 mg/M3 (application restricted to conditions in which there are negligible aerosol exposures).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: White, viscous liquid with a mild hydrocarbon odor.

Boiling Point: Not determined **Melting Point:** ~ 5° F

Specific Gravity: ~ 1 **Solubility in Water:** Soluble

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal application conditions.

Incompatibilities: Strong oxidizers.

Polymerization: Hazardous polymerization will not occur.

Decomposition: No hazardous decomposition identified.

Conditions to Avoid: Contact with strong oxidizers.

Material Safety Data Sheet

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity – No LD50 data are available for this product or its components

Carcinogenicity This product is not considered a carcinogen by NTP, IARC, or OSHA. However, a component, petroleum distillates, hydrotreated light, is listed by ACGIH as an A-3 Animal Carcinogen (as total hydrocarbon vapor).

SECTION 12 – ECOLOGICAL INFORMATION

Aquatic LC50: Ceriodaphnia Dubia: 48 hours: 1.75 ppm
Pimephales promelas: 48 hours: 11.0 ppm

Component Analysis – No information available

Environmental Fate – BOD 383,000 mg/L, COD 1,930,000 mg/L

SECTION 13 – DISPOSAL CONSIDERATIONS

General Product Information – Incinerate or dispose of unadulterated product as a non hazardous waste. Solidify and landfill according to local, state, and federal regulations.

Component Waste Numbers – No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions – Contain and collect using absorbent material if needed. Flush residuals to drain for normal biological treatment. Place collected material into suitable containers for proper disposal.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Shipping Description: Not regulated.

SECTION 15 – REGULATORY INFORMATION

Federal Regulations:

OSHA – This product is a skin and eye irritant.

FDA – None of the components in this product are listed by the FDA under regulations for Direct and Indirect Food Additives.

TSCA – Components 1), 2), and 3) in Section 2 Composition Information are listed on the TSCA Inventory

SARA Hazard Categories:

Acute Health Hazard: yes
Chronic Health Hazard: no
Fire Hazard: no
Pressure Release Hazard: no
Reactivity Hazard: no:

OSHA Process Safety: no:

Material Safety Data Sheet

State Regulations:

Neither this product nor its components are listed as hazardous materials by CA, FL, MA, MN, NJ, or PA.

International Regulations:

Canada - Components 1), 2), and 3) in Section 2 Composition Information are listed on the DSL List.

Canada WHMIS – No components of this product are on the Ingredients Disclosure List.

European Union – Components 1) and 3) in Section 2 Composition Information are not listed by EEC. Component 2) in Section 2 Composition Information is listed on the EINECS List.

SECTION 16 – OTHER INFORMATION

Disclaimer: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user thereof. It is the buyer's responsibility to ensure that its activities comply with federal, state, provincial, and local laws.

Revision Indicator: Legal Entity name change 04/01/11