

SAFETY DATA SHEET

SUPERCEDE LLC

Updated: December 13, 2013

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Softcede® VC**
Supplier: Supercede LLC
53597 650th Street
Atlantic, IA 50022
Product Use: Adjuvant
CAS Number: Proprietary
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
For MSDS, Product Safety or Regulatory inquiries, call: (712) 243-7739
Customer Service, call: (712) 243-7739

2. HAZARDS IDENTIFICATION

Reportable Components: None



NOTE: Corrosive Material

Primary Routs of Exposure: Eyes, Skin and Oral

Ingestion: Harmful or fatal if swallowed—causes severe burns of mouth, throat & stomach.

Eye Contact: Contact with eyes can cause severe burns, permanent damage and possible blindness.

Skin Contact: Contact with skin may cause severe irritation, pain and possibly burns with prolonged contact.

Inhalation: Aspiration into lungs may occur during ingestion or vomiting resulting in lung injury.

Note: The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

Signs and Symptoms of Overexposure: Chronic local effect may consist of destruction of the skin or of primary irritant dermatitis.

Medical Conditions Aggravated by Overexposure: Pre-existing skin, eye and respiratory disorders.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>ACGIH TLV</u>
Monocarbamide dihydrogen sulfate	21351-39-3	35-40%	
Agricultural surfactant	Proprietary	15-20%	
Alkoxylated fatty alcohol	Proprietary	10-15%	
Petroleum distillate (hydrotreated)	64742-55-8	20-30%	5 mg/m ³ as Oil Mist (TWA); 10 mg/m ³ (STEL)

4. FIRST AID MEASURES

If in Eyes: Immediately flush eyes with water for at least 15 minutes. Do not allow individual to rub eyes. Seek immediate medical attention.

If on Skin: Immediately remove contaminated clothing and wash affected area with soap and water. Seek medical attention if irritation persists.

If Swallowed: Dilute by drinking water, then induce vomiting. Seek immediate medical attention. Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. Seek immediate medical attention.

If Inhaled: Move individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

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5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water spray (fog), dry chemical, CO₂, or foam may be used where product is stored.

Specific Hazards: Product is non-combustible.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Do not enter confined fire-spaces without protective clothing and self-contained air supply.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: **CORROSIVE!** Spills can create an extreme slip hazard. Stop leak if you can do it without risk. Restrict entry to spill area and dike large spills to prevent run off. Mop, pump or take up with inert absorbent and reclaim for reuse, recycle or proper disposal. Diluted material can be more corrosive than concentrate. Flush area with copious amounts of water. This product classified as an oil under Section 311 of Clean Water Act. Discharge to surface waters that cause a sheen must be reported to the National Response Center (1-800-424-8802).

Disposal: Dispose of collected waste in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

WARNING: Corrosive liquid. Handle all containers carefully. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse. Store away from all oxidizers. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: N/D

Eye/Face Protections: Safety glasses/goggles and face shield. Contact lenses should not be worn when working with chemicals.

Skin Protection: Chemically impervious gloves and apron. Protective clothing appropriate to minimize contact during specific operations. Long-sleeved shirt, pants, socks, shoes. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: NIOSH respirator is not adequate. Avoid misting conditions. Use with adequate ventilation to control acid TLV.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed. Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear brown viscous liquid	UEL:	N/D
Odor:	Characteristic odor	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	<1.0 ± 0.5	Vapor Density:	N/D
Melting Point:	N/D	Relative Density:	1.12 ± 0.005 sg
Freezing Point:	N/D	Solubility:	Dispersible in water
Boiling Point:	>250°F	Partition Coefficient:	N/D
Flash Point:	>200°F (none to boiling)	Autoignition Temperature:	N/D
Evaporation Rate:	Slower	Decomposition Temperature:	N/D
Flammability:	N/D		

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10. STABILITY AND REACTIVITY

Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Condition to Avoid: Do not mix with strong bases.
Incompatible Materials: Oxidizing agents, bases, reducing agents, metals, leather, and nylon.
Hazardous Decomposition Products: Burning may produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Health studies have shown that many petroleum hydrocarbons pose potential human risks which may vary from person to person. As a precaution, exposure to liquid, vapors, mists & fumes should be minimized.

12. ECOLOGICAL INFORMATION

This product classified as an oil under Section 311 of Clean Water Act. Discharge to surface waters that cause a sheen must be reported to the National Response Center (1-800-424-8802).

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions: Dispose of in an approved waste facility according to federal, state and local regulations.
Container Reuse: An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): Class 8 Corrosive Liquid, PGIII.
Special Provisions for Transportation: DOT corrosive to aluminum. Not regulated if transported by motor vehicle or railcar in packaging that will not react or be degraded by this material – 49 CFR 173.154(d).
IATA Status (Air): UN3264, CORROSIVE, LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID), 8, PGIII
Marine Pollutant: No

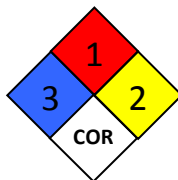
15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.
SARA HAZARD: No

16. OTHER INFORMATION

HMIS Hazard Rating

Health: 3
Flammability: 1
Reactivity: 2
Personal Protection:



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WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, SUPERCEDE LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.