

Material Safety Data Sheet



CORPORATE HEADQUARTERS
9130 South Dadeland Boulevard
Suite 1607, Two Datan Center
Miami, Fl 33156-78513.USA

CHAPERONE®

Date of Preparation: 11/27/05

MSDS No. 0041

Date of review: December 14, 2006

CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585

CHAPERONE®

**DEPOSITION AID AND PENETRATOR
ENHANCER OF PESTICIDES**

MSDS

CHAPERONE
EXCEL AG CORP

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Product Identification

Product Name: Chaperone

Chemical Name: Trade Secret Mixture containing a proprietary blend of oils, surfactants, penetrants and activators.

Composition / Information on Ingredients

Ingredient	CAS #	Percentage	Exposure Limits
Sorbitan Monooleate	1338-43-8	11.00 %	N / A

Physical Data

Boiling Point: NA

Melting Point: not determined

Freezing Point: NA

Specific Gravity (25° C): 0.955

Vapor Pressure (@ 20° C): less than 2 mm Hg

Vapor Density: NA

Evaporation Rate: not determined

Solubility in Water: Miscible

Appearance and Odor: White liquid mild odor

Fire & Explosion Data

Flash Point (Method): not determined

Flammable Limits (vol % in air): not determined

Auto ignition Temperature: N/A

Extinguishing Media: dry chemical, carbon dioxide, dry chemical foam.

Special Firefighting Procedures: Self-contained breathing apparatus, water to cool heated drums.

Unusual Fire and Explosion Hazards: Avoid heat, sparks and open flames. Closed containers present possible pressure build up and explosion due to heat exposure.

Reactivity Hazard Data

Stability: Stable at normal conditions

Conditions to Avoid: Temperatures above 170° C

Incompatibility: oxidizing agents, mineral acids, and bases

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon monoxide or carbon dioxide

Health Hazard Data

Inhalation: Excessive exposure to vapors in unventilated areas may cause respiratory irritation, nausea, dizziness.

Eye Contact: Will cause irritation. May produce corrosive effects.

Skin Contact: Can cause redness and irritation..

Ingestion: May cause gastric distress, nausea, or diarrhea..

Chronic Effects of Overexposure:

Other Toxic Effects:

LD50: Based on LD50 of components the LD50 > 2500mg/kg.

Emergency and First Aid Procedures

Ingestion: Do not induce vomiting. Give large quantities of water or milk. Seek medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing.

Eye Contact: Immediately flush eyes with water for at least 15 minutes, holding eyelids apart to irrigate

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thoroughly. Consult physician if irritation persists.

Inhalation: Remove to fresh air. Consult physician. If not breathing, give artificial respiration.

Special Protection Information

Protective Clothing: Butyl Rubber or PVC gloves.

Eye Protection: Chemical goggles or safety glasses with side shields.

Ventilation: Mechanical.

Respiratory Protection: Use NIOSH/MSHA approved organic respirator if ventilation is not sufficient.

Other: Eye wash, neoprene protective type apron.

Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Wear suitable protective clothing. Sweep up excess. Wash area thoroughly with water. Keep away from ignition sources.

Waste Disposal Methods: Dispose of in accordance with all applicable federal, state and local regulations.

Special Precautions

Precautions to be Taken in Handling and Storing: Store in original sealed container in cool, ventilated area. Protect from freezing or overheating. Avoid open flames and sparks. Keep in secured area, away from children and unauthorized people.

XI. Shipping Information

Shipping Name: Not Regulated by DOT (highway), IMDG (water), or IATA (air).

Hazard Class: None

Identification No: None

Labels required: None

Placarding: None required

Freight Class: Compound, Fertilizer (Manufactured Fertilizer), Liquid

Hazardous Substance: Not considered a Health Hazard

EPA SARA Title III Data: This product does not contain toxic chemicals listed on SARA Section 313

Community Right to Know or Toxic release Inventory. All components of this product are listed on the TSCA inventory.

Other Information

Prepared By: Excel Ag Technical Staff

Revision Notes:

Disclaimer: Reasonable care has been taken in preparation of this information. The information contained herein is based on the data available to us and is believed to be correct as of the date prepared; however, Excel Ag Corp. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.