

MATERIAL SAFETY DATA SHEET

CORNBELT PREMIER 90

Van Diest Supply Company
P.O. Box 610
Webster City, IA 50595
515-832-2366

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
1-800-424-9300

PRODUCT IDENTIFICATION

Common Name: Cornbelt Premier 90
EPA Reg. No.: Not Applicable

CHEMICAL AND PHYSICAL PROPERTIES

Chemical Name: Mixture of surfactants

Formula: Not applicable

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide from burning

Incompatibility (Keep Away From): Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid

Toxic and Hazardous Ingredients:

2-propanol (CAS #67-63-0)

NOTE: This product may contain trace amounts of residual ethylene oxide. See COMMENTS section for further details.

Form: Liquid

Odor: Fatty

Appearance: Clear to slightly hazy liquid

Color: Yellow

Specific Gravity (water=1): 1

Boiling Point: No data available

Melting Point: Less than 20°F

Solubility in Water (by weight %): Dispersible at 25°C

Volatile (by weight %): 15

Evaporation Rate: Not applicable

Vapor Pressure (mmHg at 20°C): No data available

Vapor Density (air=1): No data available

Ph (5%): 25% IPA 5 to 7

Stability: Product is stable under normal conditions

Viscosity SUS at 100°F: Greater than 100

NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS (NFPA 704)

(4=Extreme; 3=High; 2=Moderate; 1-Slight; 0=Insignificant)

Health - 1

Fire - 2

Reactivity - 0

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

(4=Severe; 3=Serious; 2=Moderate; 1=Slight; 0=Minimal)

Health - 1

Flammability - 2

Reactivity - 0

Personal Protection - Safety glasses, gloves, vapor respirator

FIRE AND EXPLOSION DATA**Special Fire Fighting Procedures:**

Firefighters must be equipped to prevent breathing of vapors or products of combustion. Wear an approved self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: None

Flashpoint: >142°F (Pensky-Martens closed cup)

Flammable Limits %: Not applicable

Extinguishing Agents: Dry chemical or water spray or water fog or CO2 or foam or sand/earth

HEALTH HAZARD DATA

Permissible Concentrations (air): Isopropyl Alcohol: 400ppm, 980 mg/m³ (OSHA/ACGIH);
STEL 500ppm, 1225 mg/m³ (OSHA/ACGIH)

Chronic Effects of Overexposure: Isopropyl Alcohol: Irritation of eyes, nose, throat; headache, nausea, and dizziness.

Acute Toxicological Properties:

Mild irritation of eye and nose occurs at very high concentrations. The liquid can defat the skin, producing a dermatitis characterized by drying and fissuring.

Emergency First Aid Procedures:

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: Flush with large amounts of water for 15 minutes.

Inhalation: Remove to fresh air and if victim is not breathing, give artificial respiration.
Call a physician immediately.

If Swallowed: Contact a physician immediately.

SPECIAL PROTECTION INFORMATION

Ventilation Type Required (Local, Mechanical, Special): Mechanical

Respiratory Protection (Specify Type):

Use NIOSH/MSHA certified respirator with organic vapor cartridge if vapor concentration exceeds permissible exposure limit.

Protective Gloves: Rubber or plastic, solvent resistant

Eye Protection: Chemical safety goggles

Other Protective Equipment: Neoprene protective type apron.

HANDLING OF SPILLS OR LEAKS**Procedures for Clean-Up:**

Absorb with an inert material such as sand, soil or vermiculite; sweep up and dispose of in accordance with federal, state and local regulations.

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

SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Store between 40 and 120 degrees F.

TRANSPORTATION DATA

D.O.T.: Regulated

U.S. D.O.T. Proper Shipping Name: Combustible Liquid, N.O.S. (Isopropanol)

U.S. D.O.T. Hazard Class: Combustible Liquid

I.D. Number: NA1993 PG III

Label(s) Required: None

Reportable Quantity: Not applicable

Freight Classification: Adjuvant spreader or sticker

Special Transportation Notes: Unregulated by DOT when shipped in containers of less than 118.9 gallons.

ENVIRONMENTAL/SAFETY REGULATIONS**Section 313 (Title III Superfund Amendment and Reauthorization Act):**

This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

ADDITIONAL INFORMATION

Ethylene Oxide may accumulate in the head space of drum and bulk containers. However, the concentration of Ethylene Oxide in the head space should not cause the OSHA 0.5ppm action level for ethylene oxide exposure to be exceeded. Ethylene Oxide is listed as a potential carcinogen by OSHA, NTP, and IARC. If the product is handled as recommended in this MSDS, the trace amounts of Ethylene Oxide are not expected to result in acute or chronic hazards.

Prepared By: Van Diest Supply Co.

Date Prepared: 4-1-91

Date Revised: 3-99

The information, data, and recommendations in this material safety data sheet relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process. The information, data, and recommendations set forth herein are believed by Van Diest Supply Co. to be accurate. Van Diest Supply Co. makes no warranties, either expressed or implied, with respect thereto and assumes no liability in connection with any use of such information, data and recommendations.

Cornbelt is a Registered Trademark of Van Diest Supply Co.
Webster City, Iowa 50595