



**DARCOLE PRODUCTS, INC.**  
P. O. Box 1460  
Henderson, KY. 42419-1460

## Material Safety Data Sheet

Product Code: DWR 385  
Product Name: DarCole Water Reducer 385 Emergency Phone: 270-826-6499  
Effective Date: 7-12-2010 Date Printed: 7-12-2010

**CHEMICAL FAMILY**  
NO HAZARDOUS MATERIALS  
TRADE SECRET  
Lignosulfonate

**PHYSICAL DATA**  
Boiling Point: 215 F  
Vapor Pressure: N/A  
Vapor Density (Air = 1): N/A  
Solubility in Water: Soluble  
Specific Gravity (H<sub>2</sub>O): 1.24-1.27  
Appearance: Dark Brown liquid  
Odor: Slight Odor

**FIRE AND EXPLOSION HAZARD DATA**  
Flash point: N/A  
Method Used: N/A  
Flammable Limits  
LFL: N/A  
UFL: N/A  
Extinguishing Media: N/A  
Fire and Explosion Hazardous: N/A  
Fire-Fighting Equipment: Regular foam, self-constrained breathing apparatus.

**REACTIVITY DATA**  
Stability: N/A  
Incompatibility: N/A  
Hazardous Combustion  
Decomposition Products: N/A  
Hazardous Polymerization: N/A  
Conditions to Avoid: N/A

**SPILL OR LEAK PROCEDURES**  
***Steps to be taken if material is released or spilled:***  
Flush with water using a wet/dry vac or dry sand/soil absorbent, shovel up. In either case, flush with water following removal. Do not dispose in river or streams.

Waste Disposal Method:  
Dispose where permitted under appropriate Federal, State and Local regulations.  
Precautions to be taken in handling and storing:  
Avoid exposure to cold weather, water and wind. Keep at controlled temperature (120 F max) and mix well before using.

**HEALTH HAZARD DATA**  
Eye: Soluble may cause irritation.  
Skin Contact: May be irritating to skin.  
Skin Absorption: Prolonged contact with skin may cause irritation.  
Ingestion: May irritate mouth or stomach (nausea).  
Inhalation: Solution may irritate respiratory tract if inhaled.

**FIRST AID**  
Eyes: Flush with water for 15 minutes. Obtain medical attention.  
Skin: Wash with soap.  
Ingestion: Rinse mouth, then immediately drink 2-4 glasses of water and induce vomiting.  
Inhalation: Remove to fresh air. Obtain medical attention.

**HANDLING PRECAUTIONS**  
Exposure Guideline(s): N/A  
Ventilation: Mechanical  
Respiratory Protection: No Precaution  
Skin Protection: Rubber and Neoprene Gloves  
Eye Protection: Safety Goggles

**ADDITIONAL INFORMATION**  
This information expressed herein is current as of the date of the Material Safety Data Sheet. DARCOLE PRODUCTS, INC. makes no warranty of any kind express or implied, including those of merchantability and fitness for purpose. The responsibility of DARCOLE PRODUCTS, INC. for claims arising out of breach of warranty, negligence, strict liability or otherwise are limited to the purchase price of the materials.