



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

Material Safety Data Sheet

Product Code: DWR 385R
Product Name: DarCole Water Reducer 385 Retarder
Effective Date: 7-12-2010
Emergency Phone: 270-826-6499
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 (H₂O): 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.