

DRD
DRD ADDITIVES LLC

MATERIAL SAFETY DATA SHEET
MATERIAL SAFETY DATA SHEET

Product Name:

BD 1648

Fatty acid ester alkoxylate

Section I. COMPANY IDENTIFICATION

DRD ADDITIVES, LLC

1194 NORTH CREST DRIVE

ROCKFORD, IL 61107

For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

Section II. HAZARD INGREDIENTS/IDENTITY INFORMATION

Hazardous ingredients are listed if they comprise $\geq 1.0\%$ by weight

"Special Hazardous Substances of Carcinogens" are listed if they comprise $\geq 0.1\%$ by weight

Section III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	Decomposes before boiling
Vapor Pressure (mm Hg.)	Unknown
Vapor Density (AIR=1)	>1
Specific Gravity	0.98
Viscosity	117 cSt@40 C
Evaporation Rate (Butyl Acetate-1)	Unknown
Solubility in Water	<10%
Appearance and Odor	Yellow liquid

Section IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USED: 240°C – PMCC

FLAMMABLE LIMITS IN AIR – UPPER %: Unknown

EXTINGUISHING MEDIA: Non-combustible

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section V. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (Materials to avoid): None known

DRD ADDITIVES LLC BD 1648

Page 1 of 2

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

Section VI. HEALTH HAZARD DATA

ROUTE(s) OF ENTRY: Inhalation, eyes, skin

HEALTH HAZARDS (Acute and Chronic): None known

CARCINOGENICITY: Not listed in IARC, NTP or 29CFR

SIGNS AND SYMPTOMS OF EXPOSURE: May cause irritation to the eyes, skin or respiratory system

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: Observe victim for 24 hours; seek medical attention if indicated.

SKIN CONTACT: Wipe away excess material with dry towel. Then wash affected areas with plenty of water and mild soap (if available) for several minutes. Get medical attention if irritation occurs.

INHALATION: Move person to fresh air.

EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Section VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wash walking surfaces with detergent and water to reduce slipping hazard. For large quantity spills, wipe, scrape or soak up in an inert material and put in a container for disposal.

WASTE DISPOSAL METHOD: Since local regulations may vary, all waste must be disposed in accordance with federal, state and local environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Recommended storage is in original container below 40°C (105°F).

Section VIII. CONTROL MEASURES

RESPIRATORY PROTECTION: None required under normal conditions

VENTILATION: None known

PROTECTIVE GLOVES: All chemical, impervious type gloves are acceptable.

EYE PROTECTION: Wear safety glasses or goggles to protect against exposure.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear clean, body-covering clothing.

WORK/HYGIENIC PRACTICES: Good hygienic practices should be observed. Work clothes should be washed separately at the end of each workday.

Section IX. OTHER INFORMATION

TRANSPORTATION INFORMATION: FREIGHT CLASS 65
NMFC 155150

This data is presented in good faith and is based on information believed to be reliable and is offered solely for evaluation, investigation and verification of the numerous factors affecting results. DRD ADDITIVS LLC Products are sold with the understanding that purchasers will make their own tests to determine the suitability of understanding that purchasers will make their own tests to determine the suitability of these products for their own particular use. Warrantee as to accuracy or results is neither given nor implied. Statements concerning the use of the DRD ADDITIVES LLC products are not to be construed as recommendations, suggestions or inducements to use them in the infringement of any patent or in violation of any applicable laws or regulations. No liability arising out of any such use is assumed. Rev. 2/08

*****END OF MSDS*****