



ABC® (Anaerobic BioChem) is used to promote anaerobic biodegradation of halogenated solvents in groundwater. ABC is a mixture of lactates, fatty acids, and a phosphate buffer.

CHEMICAL/PHYSICAL DATA

Form	Liquid
Appearance	Light yellow to colorless liquid
Odor	Slight to mild
Specific Gravity	1.15 (± 0.16) g/mL
pH	6.0-8.0
Freezing Point	-34° C / -30° F
Boiling Point	>400° C / 752° F
Vapor Pressure	< 1 mm Hg
Solubility in Water	Fully soluble and miscible

APPLICATIONS

ABC is used for *in situ* treatment of organic groundwater contaminants by enhanced anaerobic processes. These types of contaminants include chlorinated solvents, some chlorinated aromatics, nitroaromatics, inorganics (nitrate and perchlorate), and metals (chromium).

SHIPPING CONTAINERS

5-gallon pail (19-L) Made of high-density polyethylene (HDPE). The net weight is 45 lbs (20 kg). The pail contains 4 gallons (15 L) of product. The pail stands approximately 14.6 in (37.1 cm) tall. The diameter of the outside of the pail is 11.8 in (29.9 cm) wide at the top and 10.5 in (26.6 cm) at the base. (Domestic and international)

55-gallon drum (208-L) Made of high-density polyethylene (HDPE). The net weight is 500 lbs (226 kg). The drum contains 52 gallons (196 L) of product. The drum stands approximately 35 in (88.9 cm) tall, has an outside diameter of 23 in (58.4 cm). (Domestic and international)

275-gallon IBC (Intermediate Bulk Container) (1040-L). The net weight is 2630 lbs (1192 kg). The IBC contains 274 gallons (1037 L) of product. The IBC dimensions are 46 in (116.8 cm) high, 48 in (121.9 cm) long, and 40 in (101.6 cm) wide. The IBC has a 2 in (5.1 cm) butterfly valve with NPT threads in bottom sump. (Domestic and international)

SHIPPING CONTAINERS

330-gallon IBC (Intermediate Bulk Container) (1249-L). The net weight is 3166 lbs (1436 kg). The IBC contains 330 gallons (1249 L) of product. The IBC dimensions are 53 in (134.6 cm) high, 48 in (121.9 cm) long, and 40 in (101.6 cm) wide. The IBC has a 2 in (5.1 cm) butterfly valve with NPT threads in bottom sump. (Domestic and international)

Bulk Shipping- Quantities up to 5000-gallons (18,927-L) are available. (Domestic only)

HANDLING, STORAGE, AND INCOMPATIBILITY

Store in an area away from strong oxidants. Avoid storage times longer than 3 months to avoid break down to innocuous weak organic acids. Never return unused product to the storage container.

Fires may be controlled and extinguished by water spray, carbon dioxide, dry powder, aqueous film forming foams (AFFF), or foam. Refer to SDS or eSDS for more information. For first aid measures, refer to the SDS or eSDS for more information.

