



## VCI METALWORKING PRODUCTS

# EcoLine™ Cleaner/Degreaser



### PRODUCT DESCRIPTION

EcoLine™ products are based on a renewable resource soybean derivative, soybean methyl esters. Methyl esters have been used in this revolutionary, environmentally low-impact technology as solvents. These soya-based products provide excellent lubricity and biodegradability. EcoLine products are better for the environment and leave behind a high performance VCI corrosion protecting layer.

EcoLine™ Cleaner/Degreaser is a heavy-duty, water-dilutable cleaner/degreaser for tough cleaning jobs in industrial and commercial applications. It is ideal for cleaning machinery, shop tools, hoods, parts in process, food processing equipment, office equipment, floors, walls and desks. EcoLine™ Cleaner/Degreaser can be used on all engineering metals and alloys. Unlike harmful or hazardous solvent cleaners, EcoLine™ Cleaner is safe to handle and nonflammable.

### FEATURES

- Environmentally friendly and biodegradable
- Safe for users
- VOC free
- Heavy duty cleaner
- Water-rinsable, leaves no residue
- Does not affect adhesion when followed by paint or coatings
- Works as a splitter to oil/water emulsion at 5 and 10% concentrations
- Provides multimetal corrosion protection

### TYPICAL APPLICATIONS

- Universal cleaning applications
- Machinery or engines coated with grease or oil deposits
- Sheet metal covered with oil or waxy film prior to painting
- Maintenance of office equipment, floors, walls and restrooms
- Removal of temporary coatings like Cortec's VCI-368, VCI-369 or VCI-389

### APPLICATION

For general cleaning applications, EcoLine™ Cleaner/Degreaser can be diluted 20 - 50% in water. For tougher cleaning and/or degreasing apply cleaner full strength to penetrate through dirt and grime.

### METALS PROTECTED

- Carbon steel
- Galvanized steel
- Stainless steel
- Cast Iron
- Aluminum and alloys
- Copper and alloys

### TYPICAL PROPERTIES

Appearance	Clear, dark yellow to amber liquid
pH	8 - 9 (1% solution)
Non-volatile Content	48 - 52%
Weight per gallon	7.9 - 8.1 lb/gal (0.95 - 0.97 kg/l)

### STORAGE AND PACKAGING

EcoLine™ Cleaner/Degreaser is packaged in 16 oz. (470 mL), 5 gallon (55 liter pails), 55 gallon (208 liter) drums, liquid totes and bulk. The product should remain sealed before storage. The shelf life of EcoLine™ Cleaner/Degreaser is up to 24 months.



**FOR INDUSTRIAL USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**  
**KEEP CONTAINER TIGHTLY CLOSED**  
**NOT FOR INTERNAL CONSUMPTION**  
**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

**LIMITED WARRANTY**

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

**BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.** No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

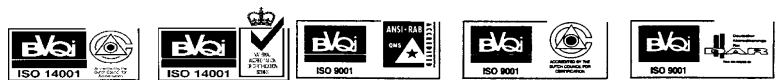
**THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**



Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA  
 Phone (651) 429-1100, Fax (651) 429-1122  
 Toll Free (800) 4-CORTEC, E-mail info@cortecvc.com  
 Internet <http://www.cortecvc.com>

printed on recycled paper 10% post consumer  
 Revised 7/7/00. Cortec Corporation 2000. All rights reserved. Supersedes: none.



Certificate No. 43345