

# **MAG-IT**

## **Solutions for Industry**

### **MAG-IT Product Bulletin**

## **MAG 160**

### **Solvent Cleaning Compound**

#### **Description:**

MAG 160 is a concentrated mixture of grease cutting solvents and emulsifiers for use in cleaning and deodorizing grease buildup in most conditions where solvent cleaners are indicated. It is also useful in removing grease buildup in lift station wet wells commonly encountered in sanitary sewer systems.

#### **Directions For Use:**

MAG 160 is made from a naphthenic petroleum solvent and has a refreshing odor of mothballs, useful where odors are particularly noxious and need some neutralizing perfume.

MAG 160 can be used cold or hot, as long as the flash point and/or autoignition temperature is not exceeded. MAG 160 can be diluted with water at rates as low as 5% MAG 160 in water to produce a solvent emulsion cleaner with limited emulsion stability. This feature allows the easy separation and recovery of the solvent fraction from the water fraction. Grease and oil interceptors or skimmers normally found in industrial scale facilities are suitable for this recovery process.

Whether MAG 160 is used neat or as a water emulsion, the parts to be cleaned should be sprayed, sponged, mopped, pressure washed, immersed or soaked in MAG 160 to remove solvent soluble impurities. The parts may then be allowed to drip or drain into a suitable receptacle for spent solvent recovery. In some cases water may be used to rinse the cleaned parts, but MAG-IT recommends the use of a rust inhibiting rinse (such as a dilute solution of MAG-IT RP-26 Rust Inhibiting Concentrate) for most ferrous parts to prevent flash corrosion of the parts after cleaning.

MAG 160 should be added to the wet well at a rate of approximately 5 gallons per lift station rated capacity of 0.1 MGD. MAG 160 may also be premixed with water at a rate of 16 to 32 oz per gallon and sprayed or poured on the grease blockage. MAG 160 should in all cases be limited to 100 ppm total concentration in the treatment plant.

For cleaning and neutralizing bar screen odors, pre-mix 16 to 32 oz of MAG 160 per gallon of water and use a garden type pressure spray applicator to apply the mixture to the bar screen grease clogs.

#### **Physical Data:**

BOILING POINT: 363 to 401°F  
SPECIFIC GRAVITY: 0.90 @ 60°F  
VAPOR PRESSURE: 1 mm Hg @ 68°F Estimated  
PERCENT VOLATILE BY VOLUME: >98%  
VAPOR DENSITY: 4.6 (air = 1)  
EVAPORATION RATE (n-Butyl Acetate = 1): <0.1  
SOLUBILITY IN WATER: Emulsifies, Fully Soluble in water  
APPEARANCE AND ODOR: Clear, yellowish liquid. Slight moth ball-like odor.

#### **Disclaimer:**

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by

# **MAG-IT**

## **Solutions for Industry**

### **MAG-IT Product Bulletin**

## **MAG 160**

### **Solvent Cleaning Compound**

#### **Description:**

MAG 160 is a concentrated mixture of grease cutting solvents and emulsifiers for use in cleaning and deodorizing grease buildup in most conditions where solvent cleaners are indicated. It is also useful in removing grease buildup in lift station wet wells commonly encountered in sanitary sewer systems.

#### **Directions For Use:**

MAG 160 is made from a naphthenic petroleum solvent and has a refreshing odor of mothballs, useful where odors are particularly noxious and need some neutralizing perfume.

MAG 160 can be used cold or hot, as long as the flash point and/or autoignition temperature is not exceeded. MAG 160 can be diluted with water at rates as low as 5% MAG 160 in water to produce a solvent emulsion cleaner with limited emulsion stability. This feature allows the easy separation and recovery of the solvent fraction from the water fraction. Grease and oil interceptors or skimmers normally found in industrial scale facilities are suitable for this recovery process.

Whether MAG 160 is used neat or as a water emulsion, the parts to be cleaned should be sprayed, sponged, mopped, pressure washed, immersed or soaked in MAG 160 to remove solvent soluble impurities. The parts may then be allowed to drip or drain into a suitable receptacle for spent solvent recovery. In some cases water may be used to rinse the cleaned parts, but MAG-IT recommends the use of a rust inhibiting rinse (such as a dilute solution of MAG-IT RP-26 Rust Inhibiting Concentrate) for most ferrous parts to prevent flash corrosion of the parts after cleaning.

MAG 160 should be added to the wet well at a rate of approximately 5 gallons per lift station rated capacity of 0.1 MGD. MAG 160 may also be premixed with water at a rate of 16 to 32 oz per gallon and sprayed or poured on the grease blockage. MAG 160 should in all cases be limited to 100 ppm total concentration in the treatment plant.

For cleaning and neutralizing bar screen odors, pre-mix 16 to 32 oz of MAG 160 per gallon of water and use a garden type pressure spray applicator to apply the mixture to the bar screen grease clogs.

#### **Physical Data:**

BOILING POINT: 363 to 401°F  
SPECIFIC GRAVITY: 0.90 @ 60°F  
VAPOR PRESSURE: 1 mm Hg @ 68°F Estimated  
PERCENT VOLATILE BY VOLUME: >98%  
VAPOR DENSITY: 4.6 (air = 1)  
EVAPORATION RATE (n-Butyl Acetate = 1): <0.1  
SOLUBILITY IN WATER: Emulsifies, Fully Soluble in water  
APPEARANCE AND ODOR: Clear, yellowish liquid. Slight moth ball-like odor.

#### **Disclaimer:**

The information and recommendations contained herein are to the best of MAG-IT's knowledge and belief, accurate and reliable as of the date issued. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use of this product is beyond the control of MAG-IT, no guarantee, expressed or implied, is made by