

## SECTION 1: Identification

### 1.1. Identification

Product name : EMRO 60 HT  
Other means of identification : EMRO 60 DC, EMRO 60 TO

Use of the substance/mixture : Manufacturing

Environmental Management of KC, Inc.  
861 S. 66th Terrace  
Kansas City, KS 66111 T  
913-287-1575

### 1.4. Emergency telephone number

Emergency number : 1-800-229-5252

## SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture Classification (GHS-US) Not classified

### 2.2. Label elements

#### GHS-US labeling

No labeling applicable

### 2.3. Other hazards

**Primary Entry Routes:** Skin

**Inhalation:** Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea. Target organ for mineral oil mist is lungs.

**Eye:** Eye contact may result in slight irritation and redness.

**Skin:** Short term contact with skin is unlikely to cause any problems; excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne, cracking and defatting of the skin.

**Ingestion:** May result in nausea or stomach discomfort.

**Carcinogenicity:** Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.

**Mutagenicity:** This product gives negative mutagenic results from Modified Ames Assay.

**Medical Conditions Aggravated by Long-Term Exposure:** Personnel with pre-existing skin disorders should avoid contact with this product.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Distillates, petroleum, hydrotreated light naphthenic	(CAS No) 64742-53-6	100	Not classified

# EMRO 60 HT

## Safety Data Sheet

### SECTION 4: First aid measures

#### 4.1.

##### Description of first aid measures

First-aid measures after inhalation	: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
First-aid measures after skin contact	: Wash thoroughly with soap and water. Remove contaminated clothing.
First-aid measures after eye contact	: Wash with water. If irritation or redness persists seek medical help.
First-aid measures after ingestion	: If swallowed, observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical attention.

Symptoms/injuries after inhalation	: None under normal use.
Symptoms/injuries after skin contact	: May cause skin irritation.
Symptoms/injuries after eye contact	: May cause eye irritation.
Symptoms/injuries after ingestion	: May be harmful if swallowed.

No additional information available

### SECTION 5: Firefighting measures

#### 5.1.

##### Extinguishing media

Suitable extinguishing media : Halon, dry chemical, foam, carbon dioxide, and water mist or fog. Unsuitable extinguishing media : Do not use forced stream as this could cause fire to spread.

Fire hazard	: When heated to decomposition, emits toxic fumes, smoke and carbon monoxide.
Explosion hazard	: None known.

#### 5.3.

##### Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

### release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Avoid release to the environment.

For containment	: Stop the flow of material, if this is without risk.
Methods for cleaning up	: Eliminate sources of ignition. Use non-flammable absorbent material. Dispose of waste in accordance with local, state and federal regulations.

##### Reference to other sections

No additional information available

# EMRO 60 HT

## Safety Data Sheet

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

#### 6.4.

Precautions for safe handling : Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. Wash thoroughly after handling. Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, kerosene, solvents or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Discard contaminated shoes and leather gloves.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from flames, sparks or hot surfaces. NFPA Class IIIB storage.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2.

##### Exposure controls

Appropriate engineering controls : Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposure limits.

Hand protection : As needed to prevent repeated skin contact. Solvent resistant gloves should be used.

Eye protection : Safety glasses or face shield where splashing is possible.

Skin and body protection : Wear suitable working clothes.

Respiratory protection : Not normally needed. Respirator should be used in areas where vapor concentrations are excessive due to high temperatures or where oil misting occurs.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Clear, bright straw

Odor : Mild petroleum

Odor threshold : No data available

pH : 7.29

Melting point : - 55 °C (-40°F)

Freezing point : No data available

Boiling point : 260 - 370 °C (500-700°F)

Flash point : 145 °C (295°F)

Relative evaporation rate (butyl acetate=1) : No data available

# EMRO 60 HT

## Safety Data Sheet

---

Flammability (solid, gas)	: No data available
Explosion limits	: 0.6 - 7 vol %
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: < 0.2 PSIA
Relative density	: > 1
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 0.88
Solubility	: Negligible.
Log Pow	: No data available
Auto-ignition temperature	: 410 °C (770°F)
Decomposition temperature	: > 482 °C (>900°F)
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

### 9.2.

#### Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2.

#### Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Will not occur.

### 10.4. Conditions to avoid

Heat, flames, and other ignition sources.

### 10.5. Incompatible materials

Strong oxidizers.

### 10.6. Hazardous decomposition products

Combustion products include carbon dioxide and carbon monoxide.

# EMRO 60 HT

## Safety Data Sheet

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified  
pH: 7.29

Serious eye damage/irritation : Not classified  
pH: 7.29

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated : Not classified exposure)

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
-------------	--

EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
----------------	--

#### 12.2. Persistence and degradability No

additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

# EMRO 60 HT

## Safety Data Sheet

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1.

#### Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT  
Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. US State regulations

#### Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

U.S. - Massachusetts - Right To Know List

## SECTION 16: Other information

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 1 - Must be preheated before ignition can occur.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*