



**DWT 686E**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/25/2015

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
Product name : DWT 686E  
Product code : 000686

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Water Treatment Agent

**1.3. Details of the supplier of the safety data sheet**

Dober Chemical Corp  
11230 Katherine's Crossing  
Suite 100  
Woodridge, IL 60517 - US  
T 630-410-7300 - F 630-410-7444  
[regulatory@dobergroup.com](mailto:regulatory@dobergroup.com) - [www.dobergroup.com](http://www.dobergroup.com)

**1.4. Emergency telephone number**

Emergency number : 1-800-255-3924 / 1-813-248-0585  
ChemTel

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

GHS-US classification  
Aquatic Acute 2 H401  
Full text of H-phrases: see section 16

**2.2. Label elements**

GHS-US labelling  
Hazard statements (GHS-US) : H401 - Toxic to aquatic life  
Precautionary statements (GHS-US) : P273 - Avoid release to the environment  
P501 - Dispose in a safe manner in accordance with local/national regulations

**2.3. Other hazards**

No additional information available

**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	%	GHS-US classification
Distillates (petroleum), hydrotreated light	(CAS No) 64742-47-8	30 - 60	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Acute 2, H401

Full text of H-phrases: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed  
Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed  
No additional information available

### SECTION 5: Firefighting measures

5.1. Extinguishing media  
Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture  
No additional information available

5.3. Advice for firefighters  
Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel  
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders  
Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

6.2. Environmental precautions  
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections  
See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

7.1. Precautions for safe handling  
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No smoking.

7.2. Conditions for safe storage, including any incompatibilities  
Storage conditions : Keep only in the original container in a cool, well-ventilated place. Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)  
No additional information available

### SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DWT 686E	
ACGIH	Not applicable
OSHA	Not applicable
Distillates (petroleum), hydrotreated light (64742-47-8)	
ACGIH	Not applicable

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### Distillates (petroleum), hydrotreated light (64742-47-8)

OSHA	Not applicable
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#### 8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves/protective clothing/eye protection/face protection protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Respiratory protection : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Other information : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

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

- Physical state : Liquid
- Appearance : Liquid.
- Colour : white
- Odour : Not available
- Odour threshold : No data available
- pH : 6 - 8
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : No data available
- Freezing point : Not available
- Boiling point : No data available
- Flash point :  $\geq 102$  °C
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : Not available
- Relative vapour density at 20 °C : Similar to water
- Relative density : No data available
- Density : 1.03 - 1.06 g/ml
- Solubility : Water: Not available
- Log Pow : No data available
- Log Kow : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : Not available
- Explosive properties : No data available
- Oxidising properties : No data available
- Explosive limits : 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

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

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### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Distillates (petroleum), hydrotreated light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h

Skin corrosion/irritation : Not classified  
pH: 6 - 8

Serious eye damage/irritation : Not classified  
pH: 6 - 8

Respiratory or skin sensitisation : 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 exposure) : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Toxic to aquatic life.

Distillates (petroleum), hydrotreated light (64742-47-8)	
LC50 fishes 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

### 12.2. Persistence and degradability

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Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.

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BCF fish 1	61 - 159

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

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

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

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Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

UN-No.(DOT) : Non Regulated

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

#### 14.3. Transport hazard class(es)

Department of Transportation (DOT) Hazard Classes : Not applicable

#### 14.4. Packing group

Packing group (DOT) : Not applicable

#### 14.5. Environmental hazards

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 15.2. International regulations

##### CANADA

Distillates (petroleum), hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List)

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

### SECTION 16: Other information

Other information : None.

Full text of H-phrases::

Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H401	Toxic to aquatic life

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## Safety Data Sheet

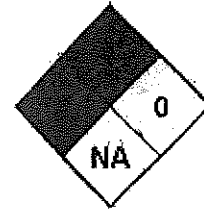
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NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

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.

NFPA specific hazard : NA - Not Applicable



### HMIS III Rating

Health : 2 - Temporary or minor injury may occur

Flammability : 1

Physical : 0

Personal Protection : B

Dober SDS US

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