

24 HOUR EMERGENCY: CHEMTREC 800-424-9300  
INTERNATIONAL EMERGENCY: CHEMTREC 703-527-3887  
OTHER INFORMATION: 574-259-7000

## 1. PRODUCT IDENTIFICATION

<b>ITEM NUMBER:</b>	40912	<b>CAS NUMBER:</b>	8015-73-4
<b>DESCRIPTION:</b>	BASIL OIL	<b>FEMA NUMBER:</b>	2119
<b>BOTANICAL NAME:</b>	(Ocimum Basilicum)	<b>FDA NUMBER:</b>	182.20

## 2. HAZARD IDENTIFICATION

Hazard Pictograms:



Signal word: WARNING

### HAZARD TYPE H CODE

### HAZARD STATEMENT

CAR 2	H351	Suspected of causing cancer.
EH C3	H412	Harmful to aquatic life with long-lasting effects.
FL 4	H227	Combustible liquid.
MUT 2	H341	Suspected of causing genetic defects.
SCI 3	H316	Causes mild skin irritation.
SS 1	H317	May cause an allergic skin reaction.

### P CODE

### PRECAUTIONARY STATEMENT

P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

P501     Dispose of contents/container in accordance with local/regional/national/international regulation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S)	CLASSIFICATION	CAS NUMBER	PERCENTAGE
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### 4. FIRST AID MEASURES

**EYES:** IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS.

**SKIN:** IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.

**INGESTION:** DO NOT INDUCE VOMITING. GET MEDICAL AID IF IRRITATION OF SYMPTOMS OCCURS.

**INHALATION:** REMOVE FROM EXPOSURE AND MOVE TO FRESH AIR IMMEDIATELY. GET MEDICAL ASSISTANCE IF COUGH OR OTHER SYMPTOMS APPEAR.

### 5. FIREFIGHTING MEASURES

**UPPER EXPLOSION LEVEL:**     N/A

**LOWER EXPLOSION LEVEL:**     N/A

**EXTINGUISHING MATERIAL:**     CO<sub>2</sub>, DRY POWDER OR FOAM TYPE EXTINGUISHERS

**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

### 6. ACCIDENTAL RELEASE MEASURES

PROCEDURE: REMOVE ANY SOURCE OF FLAME OR SPARKS. IF IN A CONFINED AREA NIOSH APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED. REMOVE INDIVIDUALS FROM THE AREA IF THEY DO NOT HAVE RESPIRATORY/DUST PROTECTION. SPRAY MATERIAL WITH WATER TO PREVENT DUSTING AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. FOLLOW FEDERAL, STATE AND LOCAL PROCEDURES FOR CLEANING UP OF POWDER. DISPOSE OF IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.

### 7. PRECAUTIONS FOR SAFE HANDLING AND USE

HANDLE ACCORDING TO GOOD SAFETY PROCEDURES, AVOIDING UNNECESSARY EXPOSURE BY WEARING APPROPRIATE PROTECTIVE GEAR FOR THE SITUATION. STORE IN FULL CLOSED CONTAINERS IN A COOL DRY AREA AWAY FROM HEAT, LIGHT AND SOURCES OF IGNITION.

## 8. EXPOSURE CONTROL / PPE

**EYES:** MAY BE IRRITATING

**SKIN:** MAY BE IRRITATING

**RESPIRATORY:** RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED IN WELL VENTILATED AREAS. HOWEVER, APPROVED RESPIRATORY PROTECTION MAY BE REQUIRED WHEN THE MATERIAL IS RATED TOXIC BY INHALATION OR IF THE MATERIAL IS TO BE USED IN A CONFINED AREA.

**OSHA PERMISSIBLE EXPOSURE LIMIT (PEL):** N/F

**OSHA THRESHOLD LIMIT VALUE (TLV):** N/F

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	LIQUID
<b>APPEARANCE:</b>	PALE YELLOW LIQUID
<b>ODOR:</b>	CHARACTERISTIC ODOR OF BASIL LEAVES
<b>REFRACTIVE INDEX:</b>	1.506
<b>SPECIFIC GRAVITY:</b>	.9355
<b>SOLUBILITY:</b>	INSOLUBLE
<b>pH:</b>	N/A
<b>VAPOR PRESSURE(mmHg @20c):</b>	.1
<b>VAPOR DENSITY:</b>	N/A
<b>FLASH POINT(°C CLOSED CUP):</b>	73.300
<b>MELTING POINT(°C):</b>	N/A
<b>BOILING POINT(°C):</b>	N/A
<b>AUTO-IGNITION TEMPERATURE(°C):</b>	N/A
<b>DECOMPOSITION TEMPERATURE(°C):</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>ODOR THRESHOLD:</b>	N/A
<b>VISCOSITY(cP):</b>	N/A
<b>% VOC:</b>	24.2

## 10. REACTIVITY DATA

<b>CHEMICAL STABILITY:</b>	Y
<b>SUBSTANCES TO BE AVOIDED:</b>	STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CARBON MONOXIDE, CARBON DIOXIDE

## 11. TOXICOLOGICAL INFORMATION

<b>LD50(ORAL):</b>	N/A
<b>LD50(DERMAL):</b>	N/A
<b>LD50:</b>	N/A
<b>MUTAGENICITY:</b>	N/A
<b>CARCINOGENICITY:</b>	N/A
<b>REPRODUCTIVE TOXICITY:</b>	N/A

## 12. ECOLOGICAL INFORMATION

**ACUTE AQUATIC TOXICITY:** N/A  
**PERSISTENCE AND DEGRADABILITY:** N/A  
**BIOCONCENTRATION FACTOR:** N/A  
**MOBILITY IN SOIL:** N/A  
**RESULTS OF PBT AND VPVB ASSESSMENT:** N/A  
**OTHER ADVERSE EFFECTS:**

## 13. DISPOSAL CONSIDERATIONS

TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

## 14. TRANSPORT INFORMATION

**TARIFF#:** 3301.29  
**UN/NA ID#:** UN1266  
**DOT:** NON-HAZARDOUS  
**HAZARD CLASS:**  
**PACKING GROUP:**  
**IMO:**  
**IATA:**

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS

**RISK PHRASES:** R22, R38, R40, R52/53, R68,

[CLICK TO DOWNLOAD RISK INFORMATION](#)

**SAFETY PHRASES:** S24, S36/37, S37,

[CLICK TO DOWNLOAD SAFETY INFORMATION](#)

**CAL PROP 65:**

**EPA TSCA:**

**SARA TITLE 3:** NO

## 16. ADDITIONAL INFORMATION

The information contained in this Material Safety Data Sheet was obtained from current and reputable sources. However this data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper

use of this product. Many federal and state; regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.

**DATE:** 20150818

**REVISED DATE:** 20150609