

# Murphy® Oil Soap Liquid

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ACUTE HEALTH... 1  
FIRE..... 0  
REACTIVITY..... 0

COLGATE-PALMOLIVE COMPANY  
Institutional Products Division  
191 East Hanover Avenue  
Morristown, NJ 07960-3151

HMIS HAZARD RATING				
Least=0	Slight=1	Moderate=2	High=3	Extreme= 4

For consumer information: Call (800) 432-8226

PRODUCT NAME: Murphy® Oil Soap Liquid  
LABEL CODE: 01101 (16 oz), 01106 (32 oz), 01103 (1 gal)  
CAS NUMBER: Not applicable - product is a mixture  
GENERAL USE: A specially formulated, mild, multi-purpose cleaner.

EMERGENCY TELEPHONE NUMBER: For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC: (800) 424-9300, day or night.

THE PITTSBURGH POISON CENTER HAS BEEN PROVIDED SPECIFIC INFORMATION FOR USE IN MEDICAL EMERGENCIES INVOLVING THIS PRODUCT: CALL COLLECT: (412) 692-5596.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS (present at a concentration > or = 1%):

Component	CAS #	%	PEL	TLV
Potassium Hydroxide	1310-58-3	1-5	None	2 mg/m <sup>3</sup>

The following components, present at a concentration > or = 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

Component	CAS #	%	PEL	TLV
None - not applicable				

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Direct exposure to large amounts may cause eye irritation, but no permanent eye injury is expected.  
SKIN CONTACT: No skin irritation is expected with normal use. However, skin irritation may occur with prolonged or excessive contact.  
INGESTION: Repeated overexposure may be harmful.  
INHALATION: No adverse effects expected with normal use.

## 4. FIRST AID MEASURES

EYE CONTACT: Flush eye with large amounts of warm water for 15 minutes. Get medical attention if irritation persists.  
SKIN CONTACT: Flush skin with large amounts of water for 15 minutes. Get medical attention if irritation occurs.  
INGESTION: Drink 2-4 ounces of a clear liquid. Get medical attention.  
INHALATION: Not applicable.

## 5. FIRE FIGHTING MEASURES

Flash Point (Method): Not established.  
Extinguishing Media: Water spray, CO<sub>2</sub>, All-purpose dry chemical  
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.

## 7. HANDLING AND STORAGE:

Store in a cool dry place (40 – 125 degrees F).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Avoid contact with skin and eyes.  
PROTECTIVE CLOTHING: Under normal conditions of use, no special precautions or control measures are required. In processing and packaging operations where repeated skin or eye contact are possible, the use of safety goggles and rubber gloves is recommended.  
SPECIAL PRECAUTIONS: Keep out of the reach of children.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Amber, viscous liquid. Citrus odor. pH: 11.0 ± 0.6 (1% Solution)  
Specific Gravity: Approximately 1.0

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**10. STABILITY AND REACTIVITY****GENERAL:**

This product is stable. Hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS:**

Avoid contact with strong oxidizing and reducing agents, acids, alkalis, organic peroxides and easily ignitable materials. Avoid prolonged contact with reactive metals (e.g. aluminum, brass, bronze, etc.).

**HAZARDOUS DECOMPOSITION:**

May produce irritating or poisonous gases upon thermal decomposition.

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**11. TOXICOLOGICAL INFORMATION**

This product has not been tested as a whole. However, this formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 3 of the MSDS.

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**12. ECOLOGICAL INFORMATION:**

Not Available.

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**13. DISPOSAL CONSIDERATIONS**

Small quantities generated by consumer use may be disposed of in a sanitary sewer with large quantities of water. Empty containers generated by consumer use may be disposed of as conventional waste.

Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state government agency for specific rules). Do not dump into sewers, any body of water, or onto the ground.

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**14. TRANSPORTATION**

This product is not regulated as a DOT hazardous material.

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**15. REGULATORY INFORMATION**

RCRA (40 CFR 261, Subpart D): Not Applicable.

**CLEAN WATER ACT:**

Contains potassium hydroxide which is a Section 311 material.

**CLEAN AIR ACT:**

Contains ethanol which is a Section 111 material.

**SARA:**

Sections 301-304 (Threshold planning quantity – TPQ)  
40 CFR 355:

The TPQ for this product is 10,000 lbs.

Acute health hazard: Irritant

**Section 313 (Toxic chemical release reporting)**

40 CFR 372: The following chemicals must be reported under  
SARA 313: Not Applicable.

**CERCLA:**

Section 102 (Reportable Quantity – RQ)  
40 CFR 302:

The RQ for this product to the environment is 32,258 lbs. based on the presence of potassium hydroxide (3.1%). Releases greater than or equal to 32,258 lbs. must be reported to The National Response Center (NRC) immediately: 800-424-8802.

**TSCA Section 8(b) INVENTORY STATUS:**

All ingredients in this product are listed on the TSCA Inventory or are not required to be listed on the TSCA Inventory.

**NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:**

This product contains the following components subject to reporting requirements:  
Potassium hydroxide, ethanol

**PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:**

This product contains the following components subject to reporting requirements:  
Potassium hydroxide

**MASSACHUSETTS SUBSTANCE LIST:**

This product contains the following components subject to reporting requirements:  
Potassium hydroxide, ethanol

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):**

This product contains the following components subject to reporting requirements: None

**CANADA:**

Workplace Hazardous Materials Information System (WHMIS)-listed material.

This product contains the following components subject to reporting requirements:  
Potassium hydroxide

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**16. OTHER INFORMATION**

Effective Date: June 29, 2000

Supersedes MSDS dated April 28, 1997

MSDS Status: Revised sections 1, 8, 11

The information on this sheet is limited to the material identified and is believed by the Colgate-Palmolive Company to be correct based on its knowledge and information as of the date noted. Colgate-Palmolive makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.