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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ACUTE HEALTH	FIRE	REACTIVITY	HMS	LEAST- 0	SLIGHT-1	MODERATE-2
1	0	0	HAZARD RATING:	HIGH - 3	EXTREME-4	

→ PRODUCT NAME: MURPHY OIL SOAP-LIQUID  
SKU/UPC#: 01101, 01109, 01104, 01102, 01113, 01118, 01103  
CAS NUMBER: NOT APPLICABLE - PRODUCT IS A MIXTURE  
GENERAL USE: A SPECIALLY FORMULATED, MILD, MULTI-PURPOSE CLEANER.

COLGATE-PALMOLIVE CO.  
300 PARK AVE.  
NEW YORK NY 10022

FOR CONSUMER INFORMATION: CALL (800) 486-7627

EMERGENCY TELEPHONE NUMBER: FOR EMERGENCY INVOLVING SPILL, LEAK, FIRE, EXPOSURE  
OR ACCIDENT, CALL CHEMTREC: 1-800-424-9300 24 HOURS  
A DAY

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

COMPONENT	CAS #	%	PEL	TLV
POTASSIUM HYDROXIDE	1310-58-3	1-5	NONE	2 MG/M3

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
NOT APPLICABLE				

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## 3. HAZARDS IDENTIFICATION

THIS MIXTURE HAS NOT BEEN TESTED AS A WHOLE  
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 IN NORMAL USE.

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#### 4. FIRST AID MEASURES

EYE CONTACT: FLUSH EYES WITH LARGE AMOUNTS OF 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

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#### 5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD): NOT APPLICABLE

EXTINGUISHING MEDIA: WATER SPRAY, ALL-PURPOSE DRY CHEMICAL, CO2

SPECIAL FIRE FIGHTING PROCEDURES:

SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN WHEN FIGHTING CHEMICAL FIRES.

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#### 6. ACCIDENTAL RELEASE MEASURES

COVER WITH INERT, ABSORBENT MATERIAL AND REMOVE TO DISPOSAL CONTAINER. SPILL ARE MAY BE SLIPPERY. FLUSH WITH PLENTY OF WATER.

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#### 7. HANDLING AND STORAGE

STORE IN A COOL, DRY PLACE.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: AVOID CONTACT WITH EYES AND SKIN.

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.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: AMBER, VISCOUS LIQUID WITH CITRUS ODOR.

SPECIFIC GRAVITY: APPROXIMATELY 1.0  
PH: 11.0 +/- 0.6

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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

NOT AVAILABLE

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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 ENVIRONMENTAL 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 REPORTABLE QUANTITY (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.

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

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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

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