

**MATERIAL
SAFETY
DATA
SHEET**

THE MURPHY-PHOENIX CO.

CORPORATE PLACE
25800 SCIENCE PARK DRIVE, SUITE 200
P.O. BOX 22930
BEACHWOOD, OHIO 44122

USER'S
PRODUCT
NAME

I

**MATERIAL
IDENTITY**

PRODUCT NAME: MURPHY OIL SOAP

CHEMICAL NAME: FORMULATED PRODUCT

SYNONYMS: N/A

CHEMICAL FAMILY: SOAP

CAS NUMBER: N/A

FORMULA: N/A

HAZARD CLASS: EYE IRRT

216-831-0404

Chemtrec: 800-424-9300

II

**HAZARD
INFORMATION**

This information applies to workplace exposures while processing, manufacturing, storing, or handling chemical materials, and is not intended for the general public. No generalization beyond occupational exposures shall be made.

THE BEST INDUSTRIAL PRACTICE IS TO KEEP EXPOSURE LEVELS OF ALL CHEMICAL PRODUCTS AS LOW AS POSSIBLE, AND USE GOOD PERSONAL AND INDUSTRIAL HYGIENE.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH

1

HAZARD INDEX

FLAMMABILITY

1

4 SEVERE HAZARD

1 SLIGHT HAZARD

3 SERIOUS HAZARD

0 MINIMAL HAZARD

REACTIVITY

0

2 MODERATE HAZARD

PERSONAL PROTECTION SEE SECTION VI A

STATEMENT OF HAZARD:

WARNING! CAUSES EYE IRRITATION

Avoid contact with eyes, wash thoroughly after use.

SEE FOLLOWING PAGE FOR EMERGENCY AND FIRST AID PROCEDURES.

III

**MATERIAL
COMPOSITION**

THIS PRODUCT CONTAINS:

POTASSIUM SOAP OF VEG. OIL PROPYLENE GLYCOL
SURFACTANTS WATER
SODIUM EDTA FRAGRANCES

HAZARDOUS INGREDIENTS:

CAS NUMBER	INGREDIENT NAME	% (Wt)	OSHA PEL*	TLV**
61788-65-6	POTASSIUM SOAP OF VEG. OIL	40.0	NOT ESTAB.	

* PERMISSIBLE EXPOSURE LEVEL

** THRESHOLD LIMIT VALUE

IV**EMERGENCY
AND
FIRST AID
PROCEDURES**

In case of contact, flush eyes with water for 15 minutes.
IF IRRITATION PERSISTS, CALL A PHYSICIAN.

V**HEALTH
HAZARDS**

LD-50 > 5 G/KG

PRIMARY ROUTES OF ENTRY:

N/A; NON-TOXIC

VI**PERSONAL
PROTECTION****HAZARDOUS MATERIALS IDENTIFICATION SYSTEM CODE****PERSONAL PROTECTION INDEX**A B  + C  +  + D  +  + E  +  + F  +  +  + G  +  + H  +  +  + I  +  + J  +  +  + K  +  +  + X Ask your supervisor for
specialized handling directions

INDEX CODE A IS SUGGESTED

SAFETY EQUIPMENT KEYSafety
GlassesSplash
GogglesFace
ShieldAirline Hood
or MaskDust
RespiratorVapor
RespiratorCombination
Dust & Vapor
RespiratorSynthetic
ApronFull Protective
Suit

Gloves



Boots

VII**HAZARD
PROTECTION**

SAFETY GOGGLES ARE SUGGESTED

THIS PRODUCT CONTAINS MATERIALS LISTED BY IRAC OR NPT ☐ YES ☒ NO

VIII**PHYSICAL
DATA**APPEARANCE / ODOR: **AMBER PASTE, CITRUS ODOR**BOILING POINT: (@ 760mm Hg) **> 220 °F**SPECIFIC GRAVITY: **N/A**VAPOR PRESSURE (@ °C): **N/A mm Hg**VOLATILE COMPONENTS: **60%**VAPOR DENSITY: (AIR=1) **N/A**EVAPORATION RATE: (**N/A =1**)Ph OF PRODUCT: **11.0**SOLUBILITY IN WATER: ☒ COMPLETE ☐ PARTIAL ☐ SLIGHT ☐ NONE**IX****FIRE AND
EXPLOSION DATA**FLASHPOINT: **> 250 °F (METHOD TCC)**EXPLOSION LIMITS: LEL **UEL N/A; NON-FLAMMABLE**EXTINGUISHING MEDIA: ☐ SPECIAL AGENT (SEE SPECIAL PROCEDURES BELOW)☒ WATER☒ WATER FOG☒ ALCOHOL FOAM☒ CARBON DIOXIDE☒ DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES:

NONE

UNUSUAL FIRE OR EXPLOSION HAZARDS:

NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS (RESULTING FROM BURNING MATERIAL):

CARBON MONOXIDE, CARBON DIOXIDE**X****REACTIVITY
DATA**STABILITY: ☒ STABLE ☐ UNSTABLEHAZARDOUS POLYMERIZATION: ☐ WILL ☒ WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID:

STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS RELEASED UNDER NORMAL CONDITIONS OF USE:

NONE KNOWN**XI****HANDLING
SYSTEM DATA**

Whenever practical, store material in its original container, or in vessels manufactured from similar materials of construction. Keep containers tightly closed when not in use.

MATERIALS OF CONSTRUCTION TO AVOID:

SOFT ALLOY, i.e., ALUMINUM, BRASS, BRONZE, MAGNESIUM.

SPECIAL HANDLING INSTRUCTIONS:

NONE**XII****TRANSPORTATION
DATA**

PROPER SHIPPING NAME:

DOT IDENTIFICATION NUMBER:

☐ FLAMMABLE LIQUID☐ COMBUSTABLE LIQUID☐ OXIDIZING MATERIAL☐ NON-FLAMMABLE GAS☐ FLAMMABLE SOLID☐ POISON, CLASS A☐ CORROSIVE MATERIAL☐ FLAMMABLE GAS☐ POISON, CLASS B☐ IRRITANT☐ OTHER (SEE BELOW)☒ NOT CONSIDERED A HAZARDOUS MATERIAL UNDER DOT REGULATIONS

XIII**ENVIRONMENTAL
PROTECTION****SPILL AND LEAK PROCEDURES:**

Shovel material into containers for disposal, flush remaining material to sewage treatment facility in accordance with regulations.

WASTE DISPOSAL:*****BIODEGRADABLE*****

Flush to sewage treatment facility in accordance with regulations.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS. IF UNCERTAIN OF LOCAL REQUIREMENTS, CONTACT THE PROPER ENVIRONMENTAL AUTHORITIES.

CONTAINER DISPOSAL:

Offer to reconditioner for possible re-cycling.

ENVIRONMENTAL HAZARDS:

NONE KNOWN

XIV**SPECIAL
LABELING
REQUIREMENTS**

EPA, FDA, USDA, CPSC, OSHA, ETC.:

CPSC

XV**ADDITIONAL
INFORMATION**

SLIPPERY CONDITIONS EXIST WHEN MATERIAL IS SPILLED,
USE CAUTION WHEN CLEANING UP-SPILLAGE.

DATE PREPARED:

09/16/87

PREPARED BY:

M. P. DELEONARDIS

APPROVED BY:

M. P. DeLeonardis

AFTER

CONTACT MATERIAL SUPPLIER FOR AN UPDATED MSDS.