

MATERIAL SAFETY DATA SHEET

THE MURPHY-PHOENIX CO.

USER'S PRODUCT NAME

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

I

MATERIAL IDENTITY

PRODUCT NAME: MURPHY OIL SOAP

216-831-0404

CHEMICAL NAME: FORMULATED PRODUCT

SYNONYMS: N/A

Chemtrec: 800-424-9300

CHEMICAL FAMILY: SOAP

FORMULA: N/A

CAS NUMBER: N/A

HAZARD CLASS: EYE IRRT

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
REACTIVITY	0	3 SERIOUS HAZARD	0 MINIMAL HAZARD
		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		G	 +  + 
B	 + 	H	 +  +  + 
C	 +  + 	I	 +  + 
D	 +  + 	J	 +  +  + 
E	 +  + 	K	 +  +  + 
F	 +  +  + 	X	Ask your supervisor for specialized handling directions

SAFETY EQUIPMENT KEY

		
Safety Glasses	Splash Goggles	Face Shield
		
Airline Hood or Mask	Dust Respirator	Vapor Respirator
		
Combination Dust & Vapor Respirator	Synthetic Apron	Full Protective Suit
		
Gloves		Boots

INDEX CODE A IS SUGGESTED

VII

HAZARD PROTECTION

SAFETY GOGGLES ARE SUGGESTED

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: <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> SLIGHT <input type="checkbox"/> NONE	

IX FIRE AND EXPLOSION DATA	FLASHPOINT: > 250 °F (METHOD TCC)	
	EXPLOSION LIMITS: LEL _____ UEL N/A; NON-FLAMMABLE	
	EXTINGUISHING MEDIA: <input type="checkbox"/> SPECIAL AGENT (SEE SPECIAL PROCEDURES BELOW) <input checked="" type="checkbox"/> WATER <input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> ALCOHOL FOAM <input checked="" type="checkbox"/> CARBON DIOXIDE <input checked="" type="checkbox"/> 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: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE HAZARDOUS POLYMERIZATION: <input type="checkbox"/> WILL <input checked="" type="checkbox"/> 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, ie., ALUMINUM, BRASS, BRONZE, MAGNESIUM.
	SPECIAL HANDLING INSTRUCTIONS: NONE

XII TRANSPORTATION DATA	PROPER SHIPPING NAME: _____			
	DOT IDENTIFICATION NUMBER: _____			
	<input type="checkbox"/> FLAMMABLE LIQUID	<input type="checkbox"/> COMBUSTABLE LIQUID	<input type="checkbox"/> OXIDIZING MATERIAL	<input type="checkbox"/> NON-FLAMMABLE GAS
	<input type="checkbox"/> FLAMMABLE SOLID	<input type="checkbox"/> POISON, CLASS A	<input type="checkbox"/> CORROSIVE MATERIAL	
	<input type="checkbox"/> FLAMMABLE GAS	<input type="checkbox"/> POISON, CLASS B	<input type="checkbox"/> IRRITANT	<input type="checkbox"/> OTHER (SEE BELOW)
<input checked="" type="checkbox"/> 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:

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APPROVED BY:

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AFTER

CONTACT MATERIAL SUPPLIER FOR AN UPDATED MSDS.