



MATERIAL SAFETY DATA SHEET FOR:

MURPHY OIL SOAP LIQUID

..... Section I .....

SUBSTANCE IDENTIFICATION .....

Chemical Name: Formulated Product

Chemical Family: Potassium Soap

Other Names:

..... Section II .....

INGREDIENTS .....

Ingredient	%	TLV/PEL ?
Potassium Soap of Vegetable Oil	20-30	
Sodium EDTA	0-5	
Water	50-80	
Fragrance	0-5	
Propylene Glycol	0-5	
Surfactants	0-5	

..... Section III .....

HAZARD/EXPOSURE LIMIT .....

WARNING! EYE IRRITANT

Avoid contact with eyes, wash thoroughly after use.

HMIS RATINGS:	
Health	1
Flammability	1
Reactivity	0
Personal Protection	A

THIS PRODUCT CONTAINS NO INGREDIENTS LISTED BY IARC, NPT OR OSHA

..... Section IV .....

PHYSICAL DATA .....

Boiling Point:

Density: ~1

Vapor Pressure: N/A

pH: 10.5

Vapor Density: N/A

Appearance/Odor: amber, viscous liquid with citrus odor

Other: Complete solubility in water.

..... Section V .....

FIRE and EXPLOSION Information .....

Flash Point: >250 F (TCC)

Upper Explosive Limit: N/A

Lower Explosive Limit: N/A

Extinguishing Media:

Water, water fog, alcohol foam, carbon dioxide or dry chemical are all suitable.

Hazardous Decomposition Products:

Carbon monoxide and carbon dioxide.

Firefighting Procedures or other information :

Non-flammable

MATERIAL SAFETY DATA SHEET FOR: MURPHY OIL SOAP LIQUID

page 1

\*\*\*\*\* SECTION VI ..... FIRST AID \*\*\*\*\*

In case of contact with eyes, flush with copious volumes of water for 15 minutes, while holding eyelids open. If irritation persists, call a physician.

PRIMARY ROUTES OF ENTRY: Not Hazardous.

\*\*\*\*\* SECTION VII... REACTIVITY, STORAGE & HANDLING \*\*\*\*\*

Avoid prolonged contact with the more reactive alloys (aluminum, brass, bronze, etc.).  
Avoid contact with strong oxidizing agents.

Material is stable under normal conditions of use. Hazardous polymerization will not occur.

\*\*\*\*\* SECTION VIII ..... SPILL OR LEAK Information \*\*\*\*\*

This product is biodegradable. Place the bulk of any spilled material into drums, then rinse any remaining material to sewage treatment facility, in accordance with any applicable regulations.

CAUTION! Spill area may be slippery.

Dispose of drums of spilled material in a secure landfill, or other suitable means according to applicable regulations.

\*\*\*\*\* SECTION IX ..... ADDITIONAL INFORMATION\*\*\*\*\*

PREPARED ON March, 1989 PREPARED BY S. Mason

APPROVED BY B.Becker

The Murphy-Phoenix Company makes no warranty, expressed or implied, as to the accuracy, completeness, or reliability of information contained herein, except that such information is, to the best of MPC's knowledge and belief, accurate as of the date indicated. It is for the purchaser and/or user to decide whether this information is suitable for his purposes.