

# 34150  
34160

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 14-R1387

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# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME NORTH COAST CHEMICAL CO., INC.		EMERGENCY TELEPHONE NO. 206-763-1340
ADDRESS (Number, Street, City, State, and ZIP Code) 6300 17th Avenue South, P. O. Box 80366, Seattle, WA 98108		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Lemon Soap
CHEMICAL FAMILY	FORMULA	

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## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					
Contains: potassium salts of vegetable oil blend					

## SECTION III - PHYSICAL DATA

BOILING POINT (°C)	212	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.02
VAPOR PRESSURE (mm Hg)	water	PERCENT, VOLATILE BY VOLUME (%)	70-80
VAPOR DENSITY (AIR=1)	water	EVAPORATION RATE (_____ = 1)	water
SOLUBILITY IN WATER	complete		
APPEARANCE AND COLOR	Opaque yellow liquid--lemon fragrance		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	NONE	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	As suitable for surrounding fire			
SPECIAL FIRE FIGHTING PROCEDURES	NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

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## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	None Known
EFFECTS OF OVEREXPOSURE	May cause eye irritation
EMERGENCY AND FIRST AID PROCEDURES	Flush eye with plenty of water. If irritation persists, get medical attention.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Acid products--Strong oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS			
None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Flush spills into sewer system with plenty of water. Do not flush into drainage that leads to natural water.
WASTE DISPOSAL METHOD	Flush to sewer system.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
None required.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	EYE PROTECTION	
none required	none required	
OTHER PROTECTIVE EQUIPMENT		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep container closed when not in use to prevent evaporation of water.
OTHER PRECAUTIONS	