

WAGE AND LABOR STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME <u>Paulsen & Roles Laboratories</u>		EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and ZIP Code) <u>1336 N. E. 7th Avenue, Portland, Oregon 97212</u>		
CHEMICAL NAME AND SYNONYMS <u>Not Applicable</u>		TRADE NAME AND SYNONYMS <u>Not Applicable</u>
CHEMICAL FAMILY <u>Not Applicable</u>	FORMULA <u>D0-ALL Concentrated Cleaner</u>	

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)
<u>Dipropylene Glycol Methyl Ether</u>				10	100ppm
<u>Alkyl Aryl Polyether Alcohol</u> TLV not established				5	N/A
<u>2-Aminoethanol (Monoethanolamine) (irritant) (corrosive)</u>				5	3ppm

SECTION III PHYSICAL DATA

BOILING POINT (°F.) <u>Approximate</u>	<u>212°F</u>	SPECIFIC GRAVITY (H ₂ O = 1)	
VAPOR PRESSURE (mm Hg.) <u>Approximate</u>	<u>.055</u>	PERCENT VOLATILE BY VOLUME (%)	<u>89.8%</u>
VAPOR DENSITY (AIR = 1) <u>Approximate</u>	<u>1</u>	EVAPORATION RATE (Water = 1)	<u>Approximate</u>
SOLUBILITY IN WATER <u>Miscible</u>			
APPEARANCE AND ODOR <u>Blue color - Mild Lemon odor</u>			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <u>Not Applicable</u>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA <u>Water Base</u>			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS <u>None Known</u>			

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not currently known.

EFFECTS OF OVEREXPOSURE

Can burn eyes. Alkaline properties - irritant

EMERGENCY AND FIRST AID PROCEDURES

Eyes-flush with water, call physician. Remove contaminated clothing. Flush skin with water, call physician. Ingestion: give milk-induce vomiting. Phone physician.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Do not mix with other chemicals.
INCOMPATIBILITY (Materials to avoid)		Oxidizing Material-Avoid mixing with other chemicals.	
HAZARDOUS DECOMPOSITION PRODUCTS		Carbon Dioxide Burning can produce: Nitrogen Oxides-Carbon Monoxide	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Do not splash or spill. Keep containers closed in storage.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED (OR SPILLED)

Wear protective clothing and equipment. Remove leaking containers.

WASTE DISPOSAL METHOD

Seal with proper materials. Dispose according to regional regulations. Small spills: flush down floor drains with water.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Use with adequate ventilation.

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Yes

EYE PROTECTION

Goggles for splash.

OTHER PROTECTIVE EQUIPMENT

Protective clothing-Shoes, Aprons, and Head Covering.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not freeze. Keep in cool area. Avoid contact with skin and eyes.

OTHER PRECAUTIONS

Keep out of reach of children.