



HILLSBORO ELEMENTARY SCHOOLS

215 S.E. 6th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET CM 0149

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health AdministrationForm Approved
OMB No. 44-11387

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 SHAMROCK SUPPLY CO., INC.		EMERGENCY TELEPHONE NO. 1-800-424-9300
ADDRESS (Number, Street, City, State, and ZIP Code) 16285 SW 85th Tigard Oregon 97224-		
CHEMICAL NAME AND SYNONYMS Alkaline Disinfectant-detergent		TRADE NAME AND SYNONYMS SANICARE
CHEMICAL FAMILY Quat. Ammonium Chloride dis.	FORMULA Proprietary P. 11.7	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS N			BASE METAL N		
CATALYST O			ALLOYS O		
VEHICLE N			METALLIC COATINGS N		
SOLVENTS E			FILLER METAL PLUS COATING OR CORE FLUX F		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
N-alkyl (50% C14, 40% C12, 10% C16)					
Dimethyl Benzyl Ammonium Chloride					

SECTION III - PHYSICAL DATA -

BOILING POINT (°F.)	180°F	SPECIFIC GRAVITY (H ₂ O=1)	1.1
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT. VOLATILE BY VOLUME (%)	19%
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____ *11)	Similar to water
SOLUBILITY IN WATER	98%		
APPEARANCE AND ODOR	Green in color mint in fragrance		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N.A.	FLAMMABLE LIMITS	LM	UM
			N.A.	N.A.
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, foam, or water fog, class BC, ABC, Fire Extinguisher			
SPECIAL FIRE FIGHTING PROCEDURES	Self-contained positive pressure breathing apparatus and protective clothing			
	should be worn in fighting fires involving chemicals.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not established. Quaternary ingredients LD50 approximate 400 mg/kg RAT.

EFFECTS OF OVEREXPOSURE

Will cause skin and eye irritation. Possible damage to mucosal tissue if swallowed.

EMERGENCY AND FIRST AID PROCEDURES

Flash eyes with water for 15 minutes. Rinse from skin with water. Get medical attention: See label for first aid if ingested.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Freezing
INCOMPATIBILITY (Materials to avoid)			
Strong oxidizing or reducing agents			
HAZARDOUS DECOMPOSITION PRODUCTS			
Heating to decomposition gives off highly toxic fumes: chloride fumes			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove saturated clothing and wash off exposed skin areas. Rinse down drain.

WASTE DISPOSAL METHOD Sewer

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Air line respirator or self contained breathing apparatus

VENTILATION	LOCAL EXHAUST	N.A.	SPECIAL	N.A.
	MECHANICAL (General)	N.A.	OTHER	N.A.
PROTECTIVE GLOVES		EYE PROTECTION		
Use impervious gloves		Full face or goggles when handling		
OTHER PROTECTIVE EQUIPMENT				
N.A.				

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid open fire or flame.

OTHER PRECAUTIONS

spilled material is slippery. Wash thoroughly after handling. If ingested, call a physician.