

# MATERIAL SAFETY DATA SHEET

## SECTION I

REFERENCE NO \_\_\_\_\_

PRODUCT NAME OR NUMBER (as it appears on label) W'rkleen Orange Scent Medicated Hand Cleaner		EMERGENCY TELEPHONE NO 216-725-0165
MANUFACTURER'S NAME Dobbine Chemical Co., Inc.		MANUFACTURER'S D·U·N·S NO
ADDRESS (Number, Street, City, State and Zip Code) 5 W. Smith Rd., Medina, OH 44256		
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)		
ADDITIONAL HAZARD CLASSES (as applicable)		
CHEMICAL FAMILY Waterless Hand Cleaner		FORMULA

## SECTION II - INGREDIENTS

CAS REGISTRY NO.	%W	%V	CHEMICAL NAME(S)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify)
741-65-7	<35		Petroleum Distillate	No
16459	<15		Surfactant	No
	<50		Water	No
040	<1		Chlorinated Xylenol (Antimicrobial) Antiseptic	No
	<10		Mixture perfume, dye, soaps and conditioners	No

## SECTION III - PHYSICAL DATA

BOILING POINT _____ °F _____ °C	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	.92	
VAPOR PRESSURE _____ °F _____ °C <input type="checkbox"/> mm Hg <input type="checkbox"/> psi	PERCENT VOLATILE BY VOLUME (%)		PERCENT SOLID BY WEIGHT (%)
VAPOR DENSITY (AIR = 1)	EVAPORATION RATE ( _____ = 1)		
SOLUBILITY IN WATER Soluble	pH = 7.5 - 8.0		
APPEARANCE AND ODOR White Paste - Orange Fragrance	IS MATERIAL:		LIQUID SOLID GAS <u>PASTE</u> POWDER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT _____ °F <u>85</u> °C method used	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA Water			
SPECIAL FIRE FIGHTING PROCEDURES None (Non-flammable)			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - Conditions to Avoid None	THRESHOLD LIMIT VALUE <input type="checkbox"/> PERMISSIBLE EXPOSURE LIMIT <input type="checkbox"/>
Eye contact - Flush with water	OTHER LIMIT <input type="checkbox"/>
PRIMARY ROUTES OF ENTRY    Inhalation <input type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify) _____	
EMERGENCY AND FIRST AID PROCEDURES In case of accidental ingestion, do not induce vomiting due to danger of aspiration. Call physician.	

## SECTION VI - REACTIVITY DATA

	UNSTABLE		CONDITIONS TO AVOID
STABILITY	STABLE	X	
INCOMPATIBILITY (materials to avoid) None			
HAZARDOUS DECOMPOSITION PRODUCTS: None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

## SECTION VII - SPILL OR LEAK PROCEDURES

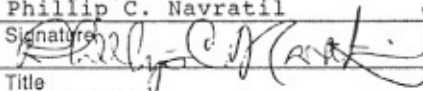
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Flush with water	
WASTE DISPOSAL METHOD Flush with water. Bio-degradable	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs) None	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) None	
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	
<input type="checkbox"/> Theoretical <u>7.6</u> lb/gal	<input type="checkbox"/> Analytical _____ lb/gal

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) None required		
VENTILATION	LOCAL EXHAUST (Specify Rate) None required	SPECIAL
	MECHANICAL (General) (Specific Rate) None required	OTHER
PROTECTIVE GLOVES (specify type) None required		EYE PROTECTION (specify type) None required
OTHER PROTECTIVE EQUIPMENT None required		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING To prolong shelf life, store below 120°F
OTHER PRECAUTIONS

Name (print) Phillip C. Navratil
Signature 
Title President
Date 8/20/90