Cost

42.84 PER CASE

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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

9/20/85

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

SECTION I

MANUFACTURER'S NAME: Go-Jo Industries, Inc.	EMERGENCY TELEPHONE NO.: (216) 920-8100
ADDRESS (Number, Street, City, State, and ZIP Code): P.O. Box 991 Akron, Ohio 44309	
CHEMICAL NAME AND SYNONYMS: N/A	TRADE NAME AND SYNONYMS: DermaPro Ultra Mild Antimicrobial Lotion Soap with PCMX
CHEMICAL FAMILY: N/A	FORMULA: N/A

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 Propylene Glycol	<5		OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
-NONE-		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H_2O=1)	1.00
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	86%
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (Water =1)	< 1
SOLUBILITY IN WATER	ca 100%		
APPEARANCE AND ODOR	Clear amber liquid, pleasant odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES: None			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: None

EMERGENCY AND FIRST AID PROCEDURES: Avoid getting into eyes. In case of eye contact, flush with water.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

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.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: None

VENTILATION			
	LOCAL EXHAUST	N/A	SPECIAL: N/A
	MECHANICAL *(General)*	N/A	OTHER: N/A

PROTECTIVE GLOVES: None

EYE PROTECTION: None

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

OTHER PRECAUTIONS

GPO 934-810

Form OSHA-20
Rev. May 72

Sodium Hypochlorite Data Sheet

I. GENERAL INFORMATION

CHEMICAL NAME AND FORMULA

Sodium Hypochlorite -- NaOCl

CHEMICAL FAMILY

Sodium Salt of Hypochlorous Acid

Des Moines Cleanser *

C & S Products Trade Names

Des Moines Cleanser Bleach

TRADE NAMES

Des Moines Cleanser Bleach

EPA REG. No. 2985-1

Potable water, swimming pool, sewer plant effluent and industrial wastewater disinfection; cyanide destruction; dairy, poultry and meat plant, restaurant and hospital sanitation; industrial bleaching; chemical process [illegible]

II. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	CONCENTRATION (2)	125 G/L Available Chlorine 8 G/L Excess Caustic	pH	11.5
COLOR	Clear Yellow			SPECIFIC GRAVITY	1.175
ODOR	Strong Bleach Odor	SOLUBILITY	Completely Soluble	VAPOR PRESSURE	@ 70° F 22 mm HG
FLASH POINT	None	FREEZE POINT	−20° F	VAPOR DENSITY	1
CRITICAL TEMP.	120° F	REACTIVITY	Strong Oxidizer	EVAPORATION RATE	Not Applicable

III. CHEMICAL REACTIVITY DATA

Stability increases with decreasing concentration. Do not store in unvented containers or in heated areas or in direct sunlight. Avoid mixing with all acids, acid salts, ammonia and many organic chemicals such as formaldehyde since a violent or explosive reaction can result and chlorine gas may be emitted. Store in cool dark areas in approved polyethelene, fiberglass, rubber-lined or glass containers.

IV. HEALTH HAZARDS

Sodium Hypochlorite is a strong alkaline salt and oxidizing agent. Prolonged contact with skin or eyes will cause severe tissue destruction and swallowing may result in serious injury.

First Aid - External	In case of contact with skin and eyes, flush with plenty of water.
Internal	Drink mucilage, raw egg white, milk or rice gruel. Follow with tablespoon of mustard in glass of warm water. Call a physician immediatly.
Personal Protective Equipment	Local exhaust fan, eye wash fountain and safety shower are recommended in areas where sodium hypochlorite is stored, used or handled. Eye goggles, rubber gloves and apron should be worn when handling this product.

V. SPECIAL PRECAUTIONS.

Spills and Leaks	Flush thoroughly with water. Remove contaminated cardboard, paper or other natural fiber item to disposal area.
Waste Disposal:	May be flushed to sewer system with plenty of water. Be sure that all federal, state and local pollution control regulations are followed.