

LIBERTY AIR CARE LIQUID

Material Safety Data Sheet

N/A = Not Applicable

(prepared according to 29CFR 1910.1200)

Prepared 01/22/98

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NUMBER

L-669

Manufacturer:
Liberty Enterprises
P O Box 639
Amsterdam, NY 12010
(518) 842 5080

HAZARD RATING

Health	1
Flammability	0
Reactivity	0

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
water	7732-18-5	> 90	N/A	N/A	N/A	No
ethoxylated nonylphenol	68412-54-4	1.2 - 2.0	N/A	N/A	N/A	No
chelating agent	64-02-8	0.1 - 0.2	N/A	N/A	N/A	No
opacifier	35209-54-2	0.1 - 0.2	N/A	N/A	N/A	No
fragrance	proprietary	0.1 - 0.2	N/A	N/A	N/A	No
viable bacterial cultures, Bacillus species	120 billion/gallon		N/A	N/A	N/A	No

SECTION 3 - PHYSICAL DATA

Boiling Point	near water	Specific Gravity	near 1
Vapor Pressure	near water	Vapor Density	> air
% Volatile	> 90	pH	6.8-8.8
Water Soluble	99.9%	Evaporation Rate	< water
Appearance	white to off white opaque, thin liquid; characteristic odor		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	none	Explosive Limits
Extinguisher	N/A	Upper: N/A
Special Procedures	N/A	Lower: N/A
Unusual Fire & Explosion Hazards	N/A	

SECTION 5 - REACTIVITY DATA

HANDLING

Stability	stable	Hazardous Polymerization	will not occur
Incompatibility (materials to avoid)	none known		
Hazardous Decomposition Products	none known		

SECTION 6 - STORAGE &

Precautions to be Taken During Storage and Use
Store between 40 and 100 degrees Fahrenheit. Keep container tightly closed when not in use.

SECTION 7 - HEALTH HAZARDS & FIRST AID

Effects of Overexposure red itching skin

PRIMARY ROUTES of ENTRY

Skin	irritation in sensitive individuals
Eyes	if contact is made, may irritate eyes

Inhalation	loose powder may irritate throat and lungs
Ingestion	may cause diarrhea and gastric disturbance

FIRST AID PROCEDURES

Skin	wash with soap and water
Eyes	flush with water, lifting lids Consult physician
Inhalation	bring patient to fresh air
Ingestion	drink large quantities of water Call physician

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	avoid breathing mist	Ventilation	required for heavy mist
Protective Gloves	recommended	Eye Protection	if splashing is likely
Other Requirements	The bacteria are non-pathogenic, but may cause infection in open wounds. The bacteria are susceptible to ordinary antibiotics.		

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled
Waste Disposal Methods

flush down sanitary sewer
material is not only biodegradable, it actually helps biodegradation