

=====
===== Product Identification =====

Product ID:GAMAZYME 700FN

MSDS Date:01/31/1991

FSC:6850

NIIN:01-229-2146

MSDS Number: BGQYQ

=== Responsible Party ===

Company Name:SYBRON CHEMICAL INC

Address:111 KESLER MILL RD

City:SALEM

State:VA

ZIP:24153

Country:US

Info Phone Num:703-389-9361

Emergency Phone Num:800-424-9300 OR 202-483-7616

CAGE:72040

=== Contractor Identification ===

Company Name:PELTZ MARINE INC

(804-455-5159)

CAGE:0FAZ2

Company Name:SYBRON CHEMICAL INC

Address:111 KESLER MILL RD

Box:City:SALEM

State:VA

ZIP:24153

Country:US

CAGE:72040

Company Name:UNITOR SHIPS SERVICE INC

Address:3429 VIRGINIA BEACH BLVD

Box:City:NORFOLK

State:VA

ZIP:23502

Country:US

Phone:804-853-4507

CAGE:0B8W4

=====
===== Composition/Information on Ingredients =====

Ingred Name:SODIUM PHOSPHATE, DIBASIC (SARA III)

CAS:7558-79-4

RTECS #:WC4500000

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:MO

NOSODIUM PHOSPHATE

CAS:7558-80-7

RTECS #:WA1900000

Ingred Name:UREA

CAS:57-13-6

RTECS #:YR6250000

Ingred Name:TRITON X-120

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Ingred Name:VIABLE BACTERIAL CULTURES

Fraction by Wt: >50%

Other REC Limits:NONE SPECIFIED

=====
===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION

: NO EFFECT IF INGESTED IN

SMALL AMOUNTS. IRRITATION OF THE MOUTH, PHARYNX, ESOPHAGUS AND
STOMACH CAN DEVELOP FOLLOWING INGESTION. EYES: MAY CAUSE EYE
IRRITATION. CAN CAUSE INFECTION WHEN IN CONTACT WITH OPEN WOUNDS.
SKIN: SLIGHT REDNESS. DERMATITIS CAN DEVELOP AFTER PROLONGED
CONTACT. INHALATION: NONE

Effects of Overexposure:ACUTE-SKIN-SLIGHT REDNESS ON HANDS/FOREARMS IF
PRONE TO DERMAL ALLERGIC REACTION

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTUR
ER.

=====
===== First Aid Measures =====

First Aid:EYE-FLUSH WELL W/WATER. SEE DOC. SKIN-WASH HANDS THOROUGHLY
AFTER HANDLING;WASH CLOTHING BEFORE REUSE.

=====
===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:WATER

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:AVOID ACCUMULATION OF DUST IN CONFINED
AREA

=====
===== Accidental Release Measures =====

Spill Release Pr

cedures:SMALL-FLUSH TO WASTE TREATMENT SEWER (PRODUCT IS BIODEGRADABLE. LGE-CONTAIN & COLLECT FOR REUSE.

=====
Handling and Storage
=====

Handling and Storage Precautions:AVOID HANDLING WHICH WOULD CREATE LGE AMTS OF DUST. AVOID PROLONGED EXPOSURE TO HIGH TEMS & HUMIDITY
Other Precautions:ORGANISMS USE ARE NONPATHOGENIC BUT CAN CAUSE INFECTION WHEN IN CONTACT W/OPEN WOUNDS.

=====
Exposure Controls/Personal Protection
=====

Respiratory Protection:APPROVED RESPIRATOR FOR NUISANCE DUST
Ventilation:GENERAL MECHANICAL
Protective Gloves:NOT NORM REQD
Eye Protection:SAFETY GLASSES
Other Protective Equipment:LONG-SLEEVED CLOTHING
Supplemental Safety and Health

=====
Physical/Chemical Properties
=====

HCC:N1
Boiling Pt:B.P. Text:212F,100C
Vapor Pres:= TO WATER
Vapor Density:= TO WATER
Spec Gravity:@ 1
pH:@ 8
Solubility in Water:99%
Appearance and Odor:MEDIUM BLUE TURBID LIQUID, SLIGHT ODOR.
Perce
nt Volatiles by Volume:0

=====
Stability and Reactivity Data
=====

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS OR ALKALIES MAY INACTIVATE BIOLOGICAL CULTURES
Stability Condition to Avoid:NONE SPECIFIED BY MFR.

=====
Disposal Considerations
=====

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL,STATE & LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formul

ated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.