

TIMMONS AND CHARLES INC -- COAGULANT,WATER TREATMENT -- 6850-01-167-5318

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

Product ID:COAGULANT,WATER TREATMENT

MSDS Date:01/07/1991

FSC:6850

NIIN:01-167-5318

MSDS Number: BYCBJ

=== Responsible Party ===

Company Name:TIMMONS AND CHARLES INC

Address:991 E LINDEN AVE

Box:507

City:LINDEN

State:NJ

ZIP:07036-0507

Country:US

Info Phone Num:201-862-9100

Emergency Phone Nu

m:201-862-9100

Preparer's Name:ROBERT A. PAUL

CAGE:5G937

=== Contractor Identification ===

Company Name:TIMMONS AND CHARLES INC

Address:991 E LINDEN AVE

Box:1175

City:LINDEN

State:NJ

ZIP:07036-2416

Country:US

Phone:908-862-9100/FAX908-862-1680

CAGE:5G937

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

Ingred Name:AMMONIUM SALT, COMPLEX/POLYDIMETHYLDIALLYLAMMONIUM CHLORIDE

Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 8

0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EARGET ORGANS:EYE, SKIN. ACUTE-
REPEATED OR PROLONGED CONTACT MAY CAUSE EYES AND SKIN IRRITATION.
INHALATION NOT LIKELY AT ROOM TEMPERATURE. INGESTION
MAY BE
HARMFUL. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.
SKIN:WASH WITH SOAP & WATER. ORAL:CALL PHYSICIAN.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARB
ON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL TO A SAFE
AREA.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS
WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. TRANSFER INTO

SUITABLE CONTAINERS FOR DISPOSAL. SPILL AREA MAY BE SLIPPERY.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINER. PREVENT FROM FREEZING.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES OR ON SKIN.

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

Respiratory Protection:NONE REQUIRED AT ROOM TEMPERATURES.

Ventilation:ADEQUATE

Protective Gloves:BUTYL RUBBER FOR REPEATED CONTACT

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC

:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.02 - 1.035

Solubility in Water:COMPLETE

Appearance and Odor:STRAW COLORED MOBILE LIQUID, CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, NITROGEN OXIDES MAY BE FORMED.

=====
===== Dispos

al Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

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