

OCTAGON PROCESS INC. -- SODIUM HEXAMETAPHOSPHATE O-S-635D TY 1 FM 2 --
6810-00-949-8332

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

Product ID:SODIUM HEXAMETAPHOSPHATE O-S-635D TY 1 FM 2

MSDS Date:09/07/1988

FSC:6810

NIIN:00-949-8332

MSDS Number: BHCGP

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945

-9400

Emergency Phone Num:201-945-9400

CAGE:82925

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

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

Ingred Name:SODIUM POLYPHOSPHATE

CAS:68915-31-1

RTECS #:TR4950250

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:L

D50 (ORAL RAT) IS 3053 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NO HUMAN DATA AVAILABLE. ANIMAL EYE IRRITATION STUDIES NOTE THIS MATERIAL IS A MINIMAL IRRITANT TO UNWASHED EYES AND NON-IRRITANT TO WASHED EYES. HUMAN INDUSTRIAL EXPERIENCE HAS SHOWN NO SIGNIFICANT INHALATION HAZARD OR SKIN IRRITATION WHEN GOOD PERSONAL HYGIENE PRACTICES ARE FOLLOWED.

Explanation of Carcinogenicity:

NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION. LARGE DOSES MAY CAUSE NAUSEA, VOMITING AND DIARRHEA. SYSTEMIC ORAL TOXICITY IS EXTREMELY RARE AND HAS CONSISTED OF ACIDOSIS AND HYPOCALCEMIC TETANY.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH EYES WITH WATER. IF IRRITATION OCCURS AND

PERSISTS, OBTAIN MEDICAL ATTENTION. SKIN: WASH OFF WITH WATER. IF IRRITATION OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION.

INHALATION: REMOVE FROM EXPOSURE. IF BREATHING DIFFICULT OR DISCOMFORT PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: RINSE MOUTH AND DILUTE STOMACH CONTENTS WITH WATER, OR PREFERABLY MILK IF AVAILABLE.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp T ext:NONE

Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SWEEP UP FOR SALVAGE OR DISPOSAL. PLACE WASTE IN DOT APPROVED CONTAINER FOR

DISPOSAL.

Neutralizing Agent:DILUTE WITH WATER.

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

Handling and Storage Precautions:STORE IN A DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR A S

PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS RECOMMENDED.

Protective Gloves:WORK GLOVES

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:INDUSTRIAL TYPE WORK CLOTHING TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health MATERIAL IS VERY HYGROSCOPIC.

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

HCC:N1

Boiling Pt:B.P. Text:>2732F

Melt/Freeze Pt:M.P/F.P Text:1022F,550C

Vapor Pres:0

Spec Gravity:1.2

Solubility in Water:COMPLETE

Appearance and Odor:WHITE GRANULAR POWDER, NO ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous

Decomposition Products:NONE NOTED BY MGF.

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

Waste Disposal Methods:IF MATERIAL CAN NOT BE SALVAGED, DISPOSE OF BY
LANDFILL IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL
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.