View NSN Online: https://aerobasegroup.de/nsn/6810-01-481-6872

ASTARIS LLC -- SODIUM HEXAMETAPHOSPHATE -- 6810-01-481-6872

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

Product ID:SODIUM HEXAMETAPHOSPHATE

MSDS Date:07/11/2000

FSC:6810

NIIN:01-481-6872

Status Code:A

MSDS Number: CLDJY

=== Responsible Party ===

Company Name: ASTARIS LLC

Address:622 EMERSON RD SUITE 500

City:SAINT LOUIS

State:MO

ZIP:63141-1160

Country:US

Info Phone Num:800-244-8169 / 909-983-0772

Emergency

Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:REFERENCE NUMBER: AST 10053

Chemtrec Ind/Phone:(800)424-9300

CAGE:1RKV8

=== Contractor Identification === Company Name: ASTARIS LLC

Address:622 EMERSON RD SUITE 500

Box:City:SAINT LOUIS

State:MO

ZIP:63141-1160

Country:US

Phone:800-244-8169 / 909-983-0772

CAGE:1RKV8

Company Name: WALTRON LTD

Address:50 TANNERY RD

Box:70

City:WHITEHOUSE

State:NJ

ZIP:08888-0070

Country:US

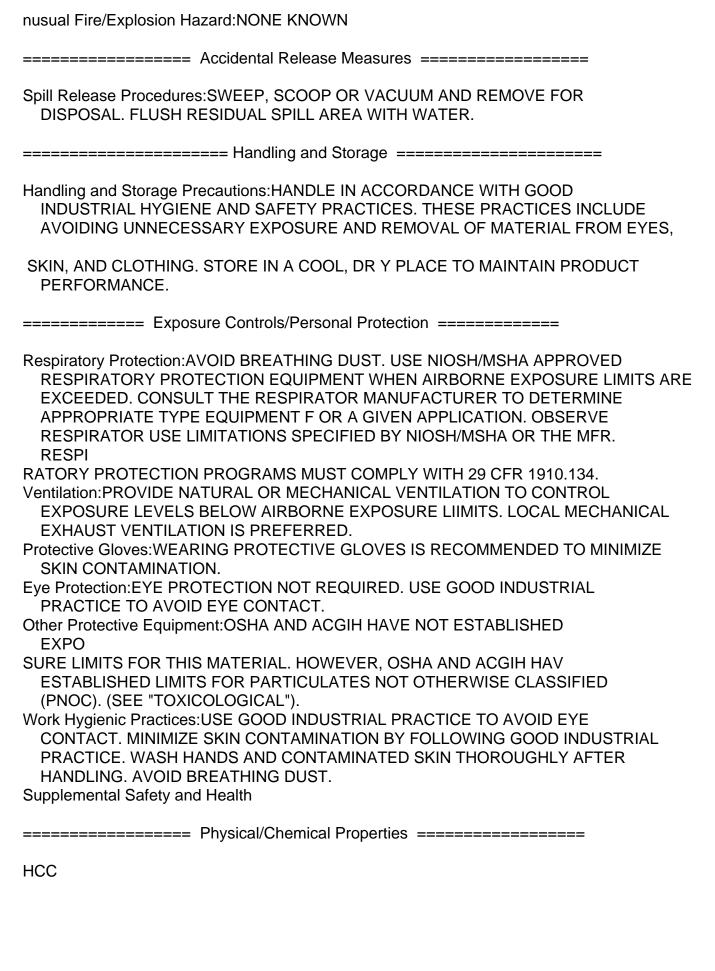
Phone:908-534-5654/FAX: 908-534-5694

Contract Num:SP0450-01-M-ZB11

CAGE:71229

Flash Point:NON COMBUSTIBLE

Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NA
U



:N1
Melt/Freeze Pt:=628.C, #####F
Spec Gravity:POWDER:78-84 LB/FT3
pH:7.0 (AS 1% SOL)
Solubility in Water:INFINITELY SOLUBLE
Appearance and Odor:WHITE POWDER, GRANULES, OR GLASS PLATES, NO ODOR.
========= Stability and Reactivity Data ===========
Stability Indicator/Materials to Avoid:YES
NONE KNOWN.
Stability Condition to Avoid:SOLUTIONS OF THIS PRODUCT WILL HYDROLYZE
TO FORM ORTHO PHOSPHATE AND OTHER SHORTER CHAIN PHOSPHATES.
DISSOLUTION IS IMPACTED BY TERMPERATURE A
ND PH OF THE SYSTEM.
Hazardous Decomposition Products: NONE KNOWN.

========= Toxicological Information =============

Conditions to Avoid Polymerization: WILL NOT OCCUR.

Toxicological Information:AIRBORNE EXPOSURE LIMITS: OSHA PEL: 15 MG/M3 (TOTAL DUST) 8-HR TWA; 5 MG/M3 (RESPIRABLE) 8-HR TWA. ACGIH TLV: 10 MG/M3 (INHALABLE) 8-HR TWA; 3 MG/M3 (RESPIRABLE) 8-HR TWA. COMPONENTS REFERRED TO HEREI N MAY BE REGULATED BY SPECIFIC CANADIAN PROVINCIAL LEGISLATION. PLEASE

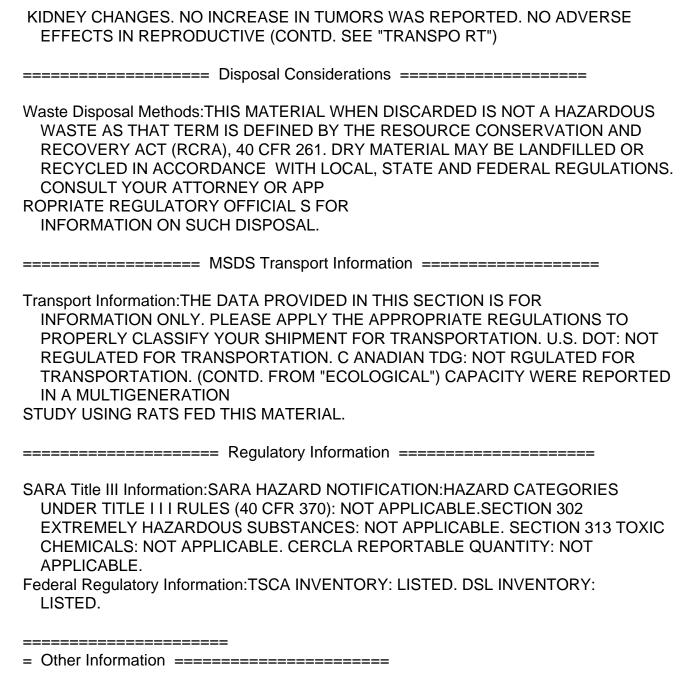
REFER TO EXPOSURE LIMITS

LEGISLATED FOR THE PROVINCE IN WHICH THE SUBSTANCE WILL BE USED. ORAL, RAT, LD50: 8,600 MG/KG; PRACTICA LLY NONTOXIC. DERMAL, RABBIT, LD50: >7,940 MG/KG; PRACTICALLY NONTOXIC. EYE IRRITATION, RABBIT: 1.3/110.0: SLIGHTLY IRRITATING. SKIN IRRITATION, RABBIT (24-HR EXP): 0.0/8.0; NONIRRITATING. RATS FED TH IS MATERIAL (CONTD. SEE "ECOLOGICAL")

========= Ecological Information ===============

Ecological: ASTARIS HAS NOT CONDUCTED ENVIRONMENTAL TOXICITY OR

BIODEGRADATION STUDIES WITH THIS PRODUCT. ASTARIS HAS NOT CONDUCTEDR BIODEGRADATION STUDIES WITH THIS PRODUCT SINCE WHEN DISSOLVED/HYDROLYZED IN WAT ER IT YIELDS COMPLETELY MINERALIZED MATERIALS. (CONTD. FROM "TOXICOLOGICAL")IN THEIR DIET FOR ONE MONTH SHOWED DECREASED GROWTH, INCREASED KIDNEY, LUNG, AND SPLEEN WEIGHT, AND KIDNEY DAMAGE. RATS FED THIS MATERIAL FOR TWO YEARS ALSO SHOWED DECREASED WEIGHT GAIN, INCREASED KIDNEY WEIGHT, AND



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