View NSN Online: https://aerobasegroup.co.il/nsn/6810-00-312-7109

WARDS NATURAL SCIENCE ESTABLISHMENT INC -- N-HEXANE,39-1515 -- 6810-00-312-7109

Product ID:N-HEXANE,39-1515

MSDS Date:09/13/1995

FSC:6810

NIIN:00-312-7109

MSDS Number: CCLRC === Responsible Party ===

Company Name: WARDS NATURAL SCIENCE ESTABLISHMENT INC

Address:5100 W HENRIETTA RD

Box:92912

City:ROCHESTER

State:NY ZIP:14692 Country:US

Info Phone Num:716-359-250

2/226-6177 (NIGHT)

Emergency Phone Num:716-359-2502/800-424-9300(CHEMTREC)

Preparer's Name: MICHAEL RASZEJA

CAGE:63759

=== Contractor Identification ===

Company Name: WARDS NATURAL SCIENCE ESTABLISHMENT INC

Address:5100 W HENRIETTA RD

Box:92912

City:ROCHESTER

State:NY

ZIP:14692-9012 Country:US

Phone: (716) 359-2502

CAGE:63759

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

Ingred Name: HEXANE (N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000 Fraction by Wt: 99- 100%

Other REC

Limits:NONE RECOMMENDED OSHA PEL:500 PPM ACGIH TLV:50 PPM; 9596 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: CYCLOHEXANE (SARA 313) (CERCLA)

CAS:110-82-7

RTECS #:GU6300000 Fraction by Wt: 0 - 1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:300 PPM

ACGIH TLV:300 PPM, 9596 EPA Rpt Qty:1000 LBS DOT Rpt Qtv:1000 LBS

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

LD50 LC50 Mixture:LD50(ORAL,RAT) HEXANE 28710 MG/KG(RTECS) Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,
RESPIRATOR & GI TRACTS. ACUTE- CAUSES SEVERE EYE IRRITATION.
PROLONGED/REPEATED SKIN CONTACT CAN CAUSE IRRITATION, DERMATITIS.
MAY BE ABSORBED THROUGH SKIN. INHALATION C AN CAUSE IRRITATION, CNS
EFFECTS. INGESTION CAN CAUSE GI TRACT IRRITATION. ASPIRATION
HAZARD. CHRONIC- NERVE DAMAGE.

Explanation of Carcinogenicity:NONE

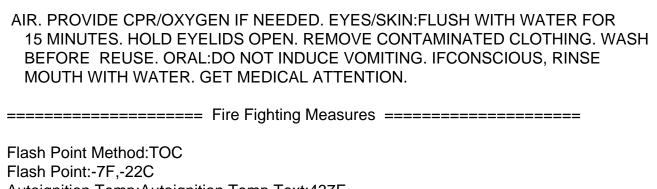
Effects of Overexposure: IRRITATION, DRY

SKIN, TEARING, BLURRED VISION,

REDNESS, DEFATTING, DERMATITIS, HEADACHE, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, VOMITING, DIARRHEA, UNCONSCIOUSNESS Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE

INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH



Autoignition Temp: Autoignition Temp Text: 437F

Lower Limits:1.08% Upper Limits:8.0%

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOA

M. WATER MAY BE

INEFFECTIVE, BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. SEE 1993 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.6, GUIDE NO 27.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

======	========	Accidental	Release	M
easures	=========			

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND/CLAY. PLACE IN CONTAINER FOR DISPOSAL. WASH SPILL SITE AFTER PICK UP IS COMPLETE. PREVENT LIQUID FROM ENTERINGSEWER

Neutralizing Agent: NOT RELEVANT

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN VENTILA

TED AREA AWAY FROM IGNITION SOURCES & INCOMPATIBLES. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:HIGHLY FLAMMABLE. USE IN WELL VENTILATED AREA/HOOD. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN/ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED C LOTHING PROMPTLY. LAUNDER BEFORE REUSE.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER E

XPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-SUPPLIED RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREAT HING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE RUBBER

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY

OF ANY POTENTIAL EXPOSURE. LAB COAT

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

Supplemental Safety and Health

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

HCC:F2 NRC/State Lic Num:NOT RELEVANT Boiling Pt:=68.C, 154.4F Melt/Freeze Pt:=-94.C, -137.2F Vapor Pres:100 @60.4F Vapor Density:3.0 Spec Gravity:0.660

Evaporation Rate & Damp; Reference: