

ALMO LABORATORIES -- NUODINE -- 6840-00-526-1129

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

Product ID:NUODINE

MSDS Date:11/01/1986

FSC:6840

NIIN:00-526-1129

MSDS Number: BWDVZ

=== Responsible Party ===

Company Name:ALMO LABORATORIES

City:CEDAR GROVE

State:NJ

Country:US

Info Phone Num:NOT LISTED

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:2L997

=== Contractor Identification ===

Company Name:ALMO LABOR

ATORIES

Box:City:CEDAR GROVE

State:NJ

Country:US

CAGE:2L997

Company Name:DOWNEAST CHEMICAL AND FASTENER CO

Address:540 DEERING AVE

Box:7250

City:PORTLAND

State:ME

ZIP:04112

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:0ABA8

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

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS:7664-38-2

RTECS #:TB6300000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:IODINE
CAS:7553-56-2
RTECS #:NN1575000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.1 PPM
ACGIH TLV:C 0.1 PPM; 9495

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN. ACUTE-
CORROSIVE (UNDILUTED). EYE CONTACT MAY CAUSE SEVERE IRRITATION &
BURNS.
VERY IRRITATING TO SKIN. INHALATION AND INGESTION NOT
LIKELY. CHRONIC- NONE AT USE LEVEL.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES, SKIN IRRITATION AND BURNS
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF
THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.
EYE/SKIN:IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR. ORAL:DO NOT INDUCE VOMITING. IF
CONSCIOUS, DRINK MILK. GET MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:WATER
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT SUCH
AS GLOVES, HOODS, SUITS, RUBBER BOOTS AND A NIOSH-APPROVED
FULL-FACE SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC
FUMES OF IODINE.

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

Spill Release Procedures:NEUTRALIZE WITH SODIUM BICARBONATE AND FLUSH
DOWN DRAIN IF PERMITTED. VENTILATE AREA.
Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS, IN DRY
WARM PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT REUSE
CONTAINERS.
Other Precautions:KEEP OUT OF REACH OF CHILD

REN. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT INGEST. DO NOT MIX WITH OTHER CHEMICALS.

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

Respiratory Protection:NOT NEEDED.
Ventilation:LOCAL EXHAUST
Protective Gloves:NEOPRENE OR RUBBER SUGGESTED
Eye Protection:SAFETY GOGGLES, GOOD PRACTICE
Other Protective Equipment:EYE WASH STATION & EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
Supplemental Safety and Health

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

HCC:C1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:313F,156C
Vapor Pres:24
Vapor Density:1
Spec Gravity:1.13
Evaporation Rate & Reference:1 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:BROWN LIQUID - MILD IODINE ODOR

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

Stability Indicator/Materials to Avoid:YES
REDUCING AGENTS, CHLORINATED PRODUCTS
Hazardous Decomposition Products:TOXIC FUMES OF IODINE

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

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
o

f 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.