

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 PERSON
AL 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.

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