BORDEN CHEMICAL CO -- DURITE SC-1008 -- 9330-01-016-2772

Product Identification

Product ID:DURITE SC-1008
MSDS Date:10/20/1990
FSC:9330
NIIN:01-016-2772
MSDS Number: BGDQD
=== Responsible Party ===
Company Name:BORDEN CHEMICAL CO
Address:180 E BROAD ST
City:COLUMBUS
State:OH
ZIP:43215-3705
Country:US
Info Phone Num: 502-449-6201 502-449-6201
Emergency Phone Num: 614-431-6600 614-431-6600
CAGE:86142
=== Contractor Identification ===
Company Name:BORDEN CHEMICAL CO
Address:180 E BROAD ST
Box:City:COLUMBUS
State:OH
ZIP:43215-3705
Country:US
Phone: 614-225-6124 614-225-6124
CAGE:86142

Composition/Information on Ingredients

Ingred Name:FORMALDEHYDE (SARA III)
CAS:50-00-0
RTECS #:LP8925000
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE 1910.1048
ACGIH TLV:C 0.3 PPM; A2; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 15.-30%.
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:PHENOL
CAS:108-95-2
RTECS #:SJ3325000
Fraction by Wt: 18%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 5 PPM
ACGIH TLV:S, 5 PPM; 9091
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Hazards Identification

LD50 LC50 Mixture:LD50(ORAL) >0.5 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:SKIN:NOT TOXIC DERMALLY & NOT A

PRIMARY IRRITAT; EYES: SEVERELY IRRITATING; INHAL:NOT TOXIC BY INHAL.- BUT OVEREXPOSURE MAY CAUSE CONTRAL NERVOUS SYSTEM DEPRESSION. ALSO CONTAINS MATERIALS WHICH IF AL LOWED TO BECOME AIRBORNE MAY CAUSE IRRITATION OF NOSE, THROAT, & LUNGS.; INGEST:NOT EXPECTED TO BE HARMFUL UNDER NORM.

Explanation of Carcinogenicity:FORMALDEHYDE: NTP- GROUP B(REASONABLY ANTICIPATED W/LIMITED EVIDENCE); IARC-GROUP 2B(PROBABLY CARCIN. -NO HUMAN EVIDENCE

Effects of Overexposure:EYES: SEVERELY IRRITATING; INHAL: MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. MAY IRRITATE NOSE, THROAT & LUNGS. TESTS FOR SKIN, EYES, INHAL. & INGEST PER 16CFR 1500.3(C) 1 & 2 & 1500.41 & .42

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN OR EYE DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE. PERSONS WITH LIVER, KIDNEY AND RESPIRATORY DISORDERS MAY ALSO BE AT INCREASED RISK.

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

First Aid:INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, GIVE CPR. GET IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING & SHOES. WASH AFFECTED AREA WITH SOAP & WATER. GET MEDICAL ATTENTION. EYE: WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:SCC
Flash Point:80.0F,26.7C
Lower Limits:2.0
Upper Limits:12.0

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, "ALCOHOL" FOAM OR CO*2. USE WATER TO KEEP FIRE CONTAINERS COOLED.

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:VAPOR HEAVIER THAN AIR & MAY SETTLE IN LOW PLACES OR TRAVEL OUTWARD TO A SOURCE OF IGNITION & FLASHBACK

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. LARGE QTY: ENCLOSE W/DIKING MATERIAL TO PREVENT SEEPAGE INTO NATURAL BODIES OF WATER, THEN CONSULT BORDEN INC.; SMALL QTY: SOAK UP W/ABSORBENT MATERIAL & REMOVE TO CHEM ICAL DISPOSAL AREA.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. TEMPERATURE SHOULD NOT EXCEED 50F/10C. FOR MAXIMUM STORAGE LIFE.

Other Precautions:INHAL/SKIN=AVOID PROLONGED/REPEATED:BREATHING OF VAPOR OR CONTACT W/SKIN; EYES:DONOT GET IN EYES; HANDLE IAW GOOD INDUSTR. HYGIENE & SAFETY PRACTICES. AVOID UNNECESSARY EXPOSURE & REMOVE MATERIAL FROM EYES, SKIN & CLOTHING. WASH AFTER USE.

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

Respiratory Protection:SELECT NIOSH/MSHA APPROVED RESPIRATOR BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE USING NIOSH POCKET GUIDE TO CHEMICAL HAZARDS. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR MOST CAS ES.

Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET THE PUBLISHED EXPOSURE LIMITS. USE EXPLOSION-PROOF EQUIP.
Protective Gloves:BUTYL OR NITRILE RUBBER.
Eye Protection:SPLASH PROOF SAFETY GOGGLES/FACESHIELD.
Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT TO PREVENT ANY POSSIBLITY OF SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Physical/Chemical Properties

HCC:F5
Boiling Pt:=98.C, 208.4F
Vapor Pres:28 MM
Vapor Density:2.1
Spec Gravity:1.070 - 1.10
pH:>7.9
Viscosity:180-300CPS
Solubility in Water:100 %
Appearance and Odor:CLEAR AMBER LIQUID
Percent Volatiles by Volume:38.

Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES
OXIDIZERS, ACIDS.
Stability Condition to Avoid:HI-TEMPERATURES AS IT MAY BECOME UNSTABLE.
Hazardous Decomposition Products:OXIDES OF CARBON, ALDEHYDES(INCLUDING FORMALDEHYDE), PHENOLS, AROMATIC HYDROCARBONS.

Disposal Considerations

Waste Disposal Methods:RECOVER FREE LIQUID. ABSORB RESIDUE & DISPOSE OF IAW LOCAL, STATE, & FEDERAL REGULATIONS. EMPTY CONTAINER: MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEARBY.