

CARISAL LLC -- CLEARPATH
MATERIAL SAFETY DATA SHEET
Name: CLEARPATH

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General Information
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Item Name: CLEARPATH
Company's Name: CARISAL LLC
Company's Address: 8300 Greensboro Drive Suite 800 #151
Company's City: MCLEAN
Company's State: VA
Company's Country: US
Company's Zip Code: 22102
Company's Emerg Ph #: 703-623-0055
Company's Info Ph #: 703-287-8703
Date MSDS Prepared: 15JUNE2006
Safety Data Review Date: 15JUNE2006
MSDS Preparer's Name: Thomas McGonigle

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Ingredients/Identity Information
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Proprietary: NO
Ingredients: CALCIUM CHLORIDE/SODIUM CHLORIDE
Ingredient Sequence Number: 01 CALCIUM CHLORIDE
Percent: 77-80%
NIOSH (RTECS) Number: EV9800000
CAS Number: 10043-52-4
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED
Ingredient Sequence Number: 02 SODIUM CHLORIDE
Percent: 92-99%
NIOSH (RTECS) Number: NOT APPLICABLE
CAS Number: 007647-14-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics
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Appearance And Odor: PELLETS;WHITE;ODORLESS
Boiling Point: >2912F,>160
Melting Point: 1440F,782C
Specific Gravity: 2.15
Decomposition Temperature: UNKNOWN
Solubility In Water: APPRECIABLE
Percent Volatiles By Volume: NIL
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: NONE
Extinguishing Media: WATER FOG.
Special Fire Fighting Proc: USE A SELF-CONTAINED BREATHING APPARATUS
AND FULL PROTECTIVE EQUIPMENT.
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid:STRONG MINERAL ACIDS, NON-FERROUS AND FERROUS METALS.
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Hazardous Poly Occur: NO

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Health Hazard Data
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LD50-LC50 Mixture: ORAL LD50 (RAT) IS 1000MG/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE
IRRITATION AND DRYNESS.INGEST:MAY CAUSE RESPIRATORY IRRITATION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH
ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Signs/Symptoms Of Overexp: EYES:STINGING,REDNESS,SWELLING,TEARING.
INGEST:NAUSEA,VOMITING,DIARRHEA.SKIN:REDNESS,BURNING,CRACKING.
Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING SKIN AILMENTS MAY
BE AT INCREASED RISK FROM EXPOSURE.
Emergency/First Aid Proc: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH
SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO
FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET
PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE 1-2 GLASSES OF
WATER AND INDUCE VOMITING.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: VENTILATE AREA.USE PROPER PROTECTIVE AND
RESPIRATORY EQUIPMENT.SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN A DRY
CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH WATER.
Neutralizing Agent: NOT APPLICABLE.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND
LOCAL REGULATIONS.
Precautions-Handling/Storing: STORE IN A COOL,DRY,WELL-VENTILATED
PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM
INCOMPATIBLE MATERIALS.
Other Precautions: EMPTY CONTAINERS MAY CONTAIN HAZARDOUS
RESIDUE;DISPOSE OF PROPERLY.

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Control Measures
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Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/FUMES.

Ventilation: LOCAL VENTILATION AT THE WORKSITE;MECHANICAL (GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.
Protective Gloves: PVA
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.
Suppl. Safety & Health Data: NONE

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Transportation Data
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
MMAC Code: NR
Additional Trans Data: NONE

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Disposal Data
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Label Data
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Label Required: YES
Label Status: F
Common Name: CALCIUM CHLORIDE/SODIUM CHLORIDE
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE
IRRITATION AND DRYNESS.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY
CAUSE RESPIRATORY IRRITATION. STORE IN A COOL, DRY, WELL-VENTILATED
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM INCOMPATIBLE
MATERIALS. FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT
QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE 1-2 GLASSES OF WATER AND
INDUCE VOMITING BY STICKING FINGER DOWN THROAT OR BY GIVING IPECAC.
Protect Eye: Y
Protect Skin: Y
Label Emergency Number: 703-623-0055