

NISUS CORPORATION -- BORA-CARE

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MSDS Safety Information  
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FSC: 6840  
NIIN: 01-466-0851  
MSDS Date: 07/01/1996  
MSDS Num: CLGXY  
Product ID: BORA-CARE  
MFN: 02  
Responsible Party  
Cage: 1LJF8  
Name: NISUS CORPORATION  
Address: 215 DUNAVANT DR  
City: ROCKFORD TN 37853  
Info Phone Number:  
423-577-6119 / 800 264-0870  
Emergency Phone Number: (800)424-9300  
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Item Description Information  
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Item Manager: S9G  
Item Name: INSECTICIDE, DIOSODIUM OCTABORATE TETRAHYDRATE  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: GL  
Quantitative Expression: UNKNOWN  
UI Container Qty: 1 GAL  
Type of Container: CONTAINER  
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Ingred  
ients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL, RAT) > 5,000 MG/KG  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: EYE: THIS MATERIAL MAY CAUSE EYE IRRITATION. DIRECT CONTACT MAY CAUSE BURNING, TEARING AND REDNESS IN SENSITIVE INDIVIDUAL

S.

SKIN: THIS MATERIAL IS ESSENTIALLY NON-IRRITATING. PROLONGED OR REPEATED EXPOSURE TO THIS MATERIAL MAY CAUSE SOFTENING OF THE SKIN. INGESTION: THIS MATERIAL CAN BE HARMFUL IF SWALLOWED. IT IS SLIGHTLY TOXIC TO HUMANS. INGESTION OF LARGE AMOUNTS MAY CAUSE NAUSEA, MENTAL SLUGGISHNESS FOLLOWED BY DIFFICULTY IN BREATHING AND HEART FAILURE, KIDNEY AND BRAIN DAMAGE, POSSIBLY DEATH. INHALATION: BREATHING HIGH CONCENTRATIONS OF VAPORS MAY CAUSE NAUSEA, DIZZINESS OR DROWSINESS, AND IRRITATION OF THE NOSE AND THROAT.

Explanation Of Carcinogenicity: NONE OF THE MAJOR CONSTITUENTS OF THIS MATERIAL HAVE BEEN IDENTIFIED AS CARCINOGENS OR PROBABLE CARCINOGENS BY IARC OR OSHA.

Signs And Symptoms Of Overexposure: EYE: THIS MATERIAL MAY CAUSE EYE IRRITATION. DIRECT CONTACT MAY CAUSE BURNING, TEARING AND REDNESS IN SENSITIVE INDIVIDUALS. SKIN: PROLONGED OR REPEATED EXPOSURE TO THIS MATERIAL MAY CAUSE SOFTENING OF THE SKIN. INGESTION: INGESTION OF LARGE AMOUNTS MAY CAUSE NAUSEA

, MENTAL SLUGGISHNESS FOLLOWED BY DIFFICULTY IN BREATHING AND HEART FAILURE, KIDNEY AND BRAIN DAMAGE, POSSIBLY DEATH. INHALATION: BREATHING HIGH CONCENTRATIONS OF VAPORS MAY CAUSE NAUSEA, DIZZINESS OR DROWSINESS, AND IRRITATION OF THE NOSE AND THROAT.

Medical Conditions Aggravated By Exposure: PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL. PRE-EXISTING LUNG DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

First Aid: EYE CONTACT: FLUSH WITH CLEAN WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. SKIN CONTACT: WASH WITH MILD SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULTIES DEVELOP, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: SEEK EMERGENCY MEDICAL ATTENTION. IF VICTIM IS DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN.

IF CONSCIOUS, VOMITING SHOULD BE INDUCED FOR INGESTION OF > 1-2 TABLESPOONS FOR AN ADULT UNDER DIRECTION FROM A PHYSICIAN.

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Handling and Disposal  
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Spill Release Procedures: ABSORB WITH ORGANIC LIQUID ABSORBENT. DO NOT LET MATERIAL OR WASHWATERS ENTER SEWERS OR WATERWAYS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: CONTACT YOUR STATE PESTICIDE, ENVIRONMENTAL CONTROL

AGENCY OR LOCAL AUTHORITIES FOR PROPER GUIDELINES.

Handling And Storage Precautions: STORE BETWEEN 40 AND 90 DEG F. DO NOT STORE IN DIRECT SUNLIGHT. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions: KEEP AWAY FROM CHILDREN AND PETS. TOXIC TO PLANTS AND SHRUBBERY.

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC

Flash Point: >104.4C, 220.F

Lower Limits: NOT KNOWN

Upper Limits: NOT KNOWN

Extinguishing Media: CO2, DRY POWDER OR UNIVERSAL TYPE FOAM.

Fire Fighting Procedures: AVOID INHALING SMOKE. THE USE OF A SCBA IS RECOMMENDED FOR FIRE FIGHTERS. WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS AND COOLING CONTAINERS EXPOSED TO HEAT AND FLAME.

Unusual Fire/Explosion Hazard: THIS MATERIAL WILL NOT READILY IGNITE.

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Control Measures  
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Respiratory P

rotection: GOOD VENTILATION.

Ventilation: EXHAUST TO VENTILATE.

Protective Gloves: THE USE OF SOLVENT RESISTANT GLOVES IS ADVISED.

Eye Protection: SAFETY GLASSES, GOGGLES OR FACE SHIELD.

Other Protective Equipment: IT IS RECOMMENDED THAT A SOURCE OF CLEAN WATER BE AVAILABLE IN THE WORK AREA FOR FLUSHING EYES AND WASHING SKIN.

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health: ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R =

NOT RELEVANT. N/D = NOT

DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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Physical/Chemical Properties  
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HCC: V5

NRC/State LIC No: NOT RELEVANT

Boiling Point: >100.C, 212.F

M.P/F.P Text: NOT PROVIDED

Decomp Text: NOT PROVIDED

Vapor Pres: NEGLIGIBLE

Spec Gravity: 1.38 G/ML

PH: 6.9-7.1 50% SOL

Viscos

ity: NOT PROVIDED  
Evaporation Rate & Reference: NOT PROVIDED  
Solubility in Water: 100 %  
Appearance and Odor: CLEAR VISCOUS GEL, ODOR: NONE.  
Percent Volatiles by Volume: 60 BY WT  
Corrosion Rate: NOT PROVIDED

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: EXPOSURE TO STRONG OXIDIZING AGENTS.  
Materials To Avoid: THIS MATERIAL IS INCOMPATIBLE WITH STRONG OXIDIZING AGENTS.

THIS PRODUCT MAY CORRODE ALUMINUM.

Hazardous Decomposition Products: ETHYLENE OXIDE, CARBON MONOXIDE, CARBON DIOXIDE.

Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE

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Toxicological Information  
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Toxicological Information: LD50 (ORAL, RAT) > 5,000 MG/KG. ACUTE DERMAL LD50 - > 2 G/KG (RABBIT). ACUTE INHALATION LC50 - > 5 MG/L FOR 4 HOURS

(RAT). INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THIS MATERIAL MAY BE HARMFUL OR FATAL.

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Ecological Information  
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Ecological: NOT PROVIDED

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MSDS Transport Information  
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Transport Information: DOT HAZARD CLASSIFICATION: NOT REGULATED.

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Regulatory Information  
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Sara Title III Information: NOT PROVIDED  
Federal Regulatory Information: EPA REGISTRATION NO. 64405-1.  
State Regulatory Information: NOT PROVIDED

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Other Information  
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Other Information: NOTE TO PHYSICIAN: TREAT FOR EXPOSURE TO GLYCOLS. CONTAINS BORATES. MONITOR ELEC

TROLYTES.

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Transportation Information  
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Responsible Party Cage: 1LJF8  
Trans ID NO: 157898  
Product ID: BORA-CARE  
MSDS Prepared Date: 07/01/1996  
Review Date: 07/17/2001  
MFN: 2  
Net Unit Weight: 11.5 LBS  
Multiple KIT Number: 0  
Unit Of Issue: GL  
Container QTY: 1 GAL  
Type Of Container: CONTAINER  
Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.  
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Detail DOT Information  
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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information  
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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information  
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AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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HAZCOM Label  
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Product

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