

DOWELL SCHLUMBERGER -- VERTAN 650 CHELANT V650 -- 5840-00-839-1236

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

Product ID:VERTAN 650 CHELANT V650

MSDS Date:10/31/1988

FSC:5840

NIIN:00-839-1236

MSDS Number: BJZDT

=== Responsible Party ===

Company Name:DOWELL SCHLUMBERGER

Address:P. O. BOX 2710

Box:2710

City:TULSA

State:OK

ZIP:74101

Country:US

Emergency Phone Num:918-582-0104

Preparer's Name:W. W. SHEPHERD

C

AGE:FO294

=== Contractor Identification ===

Company Name:DOW CHEMICAL U.S.A.

City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:517-636-4400

CAGE:71983

Company Name:DOWELL SCHLUMBERGER

Box:21

City:TULSA

State:OK

ZIP:74102

Phone:(918) 582-0104

CAGE:FO294

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

Ingred Name:TRISODIUM NITRILOTRIACETATE

CAS:5064-31-3

RTECS #:MB8400000

Fraction by Wt: 200F,>93C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

F

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:CONTAIN SPILL WITH DIKES AND VACUUM RECOVER TO A SEPTIC TANK TRUCK OR PUT IN STEEL OR PLASTIC DR

UMS. DO NOT ALLOW

RUNOFF TO A SEWER UNLESS MATERIAL IS DILUTED AND NEUTRALIZED WITH DILUTE ACID SOLUTION . FLUSH RESIDUAL WITH PLENTY OF WATER.

Neutralizing Agent:5% ACETIC ACID (VINEGAR)

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. MATERIAL WILL CORRODE ALUMINUM.

Other Precautions:SPILLAGE CAN BE SLIPPERY. IF DILUTING OR DISSOLVING THIS PR

ODUCT, ALWAYS ADD THIS PRODUCT TO WATER SLOWLY AND WITH CONSTANT STIRRING.

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR FOR HANDLING MIST IF PROLONGED CONTACT WITH MATERIAL.

Ventilation:ADEQUATE ROOM VENTILATION SUFFICIENT TO MEET TLV.

Protective Gloves:IMPERVIOUS PLASTIC OR RUBBER GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES WITH SIDE SHIELD

Other Protective Equipment:EYE WASH AND

SHOWER. APRON AND FULL RUBBER

BOOTS RECOMMENDED. NOT WEAR THIN RUBBER COVERS OVER LEATHER SHOES.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

CORROSIVE LIQUID - AVOID CONTACT. DO NOT STORE IN CONTACT WITH ALUMINUM. LEAVE LABEL ON DRUM AT ALL TIMES.

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

HCC:B3

Boiling Pt:B.P. Text:223F,106

C

Spec Gravity:1.31

pH:11-12

Solubility in Water:100%

Appearance and Odor:LIGHT STRAW COLORED LIQUID; FAINT ODOR

Percent Volatiles by Volume:>30

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ALUMINUM (MAY RELEASE HYDROGEN GAS IN CONTACT WITH ALUMINUM)

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:LIBERATES FLAMMABLE HYDROGEN GAS ON

CONTACT WITH ACTIVE METALS SUCH AS ZN,AL,SN. CAN ALSO GENERATE CARBON MONOXIDE.

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

Waste Disposal Methods:WASTE DILUTED AND NEUTRALIZED LIQUID COULD BE FLUSHED TO A WASTE WATER TREATMENT SYSTEM VIA THE SEWER OR GIVEN TO A LICENSED DISPOSAL CONTRACTOR. CONFORM TO ALL APPLICABLE REGULATIONS.

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