



MATERIAL SAFETY DATA SHEET

ULTRA-3415

REVISION DATE 1/1/2002

SECTION 1

MANUFACTURER INFORMATION

Mid-West Solutions, Inc. 11193 Lawrence Dr. Crown Point, IN 46307 (219)661-8230
24 Hour HAZARDOUS EMERGENCY (SPILL/LEAK/FIRE/EXPOSURE/ACCIDENT) 1-800-451-8346

SECTION 2

PRODUCT IDENTIFICATION

PRODUCT # ULTRA -3415
CHEMICAL NAME BOILER WATER TREATMENT
SYNONYMS NA
CHEMICAL FAMILY Internal Boiler Treatment
NFPA HEALTH HAZARD 2
FIRE HAZARD 0
REACTIVITY HAZARD 0

NFPA SCALE.....4=EXTREME.....3=HIGH....2=MODERATE....1=SLIGHT....0=INSIGNIFICANT

SECTION 3

HAZARDOUS INGREDIENTS

| CHEMICAL NAMES | CAS # | % WT | TLVITVA | PEL | SEC.313 | CARCINOGEN? |
|---------------------|-----------|------|---------|---------|---------|-------------|
| POTASSIUM HYDROXIDE | 1310-58-3 | <2 | 2 mg/m3 | 2 mg/m3 | No | No |
| Cyclohexylamine | 18-91-8 | <2 | 10ppm | 10ppm | No | No |
| Diethylamioethanol | 100-37-8 | <2 | 10ppm | 10ppm | No | No |

END OF HAZARDOUS INGREDIENTS

SECTION 4

SHIPPING DATA

D.O.T. PROPER SHIPPING NA
D.O.T. HAZARD CLASS NA
D.O.T. LABELS REQUIRED NA
UN NA I.D. NUMBER NA
PACKAGING GROUP NA
SHIPPING DOCUMENTATION Compounds, Boiler Cleansing

SECTION 5

PHYSICAL DATA

BOILING FREEZING POINT @ 760mmHg 210.5F
PH 12.8
VAPOR PRESSURE mmHg@20C ND
VAPOR DENSITY AIR is1 ND
PERCENT VOLATILE BY WEIGHT 86
SPECIFIC GRAVITY @ 20C 1.11
SOLUBILITY IN WATER COMPLETE
EVAPORATION RATE <1
APPEARANCE IODOR Brown Solid with faint odor.r

SECTION 6
FIRE AND EXPLOSIVE HAZARD DATA

| | |
|------------------------------------|----------------------------------------------------------------------|
| FLASH POINT TEST METHOD | NA |
| AUTOIGNITION TEMPERATURE | NA |
| FLAMMABILITY LIMITS IN AIR PERCENT | V NA |
| EXTINGUISHING MEDIA | Not Combustible |
| SPECIAL FIREFIGHTING PROCEDURES | Wear self-contained breathing apparatus and full protective clothing |
| UNUSUAL FIRE IEXPLOSION HAZARDS | NA |

SECTION 7
REACTIVITY DATA

| | |
|--------------------------|----------------|
| PRODUCT STABILITY | Stable |
| CONDITIONS TO AVOID | NA |
| CHEMICAL INCOMPATIBILITY | Strong Acids |
| HAZARDOUS DECOMPOSITION | None Known |
| HAZARDOUS POLYMER | Will not occur |
| CORROSIVE TO STEEL | No |

SECTION 8
HEALTH HAZARD DATA

| | |
|--------------|---------------------------------------------------------------------------------------------|
| SKIN CONTACT | May cause moderate to severe irritation upon contact depending on contact time |
| EYE CONTACT | Will cause immediate irritation upon contact. May cause alkali burns upon prolonged contact |
| INHALATION | Airborne mists may cause irritation to respiratory passages |
| INGESTION | Safety shower and eyewash fountain should be easily accessible |

SECTION 9
EMERGENCY AND FIRST AID PROCEDURES

| | |
|-------------|--------------------------------------------------------------------------------------|
| SKIN | Remove clothing & flush w/soap & water. If irritation persists get medical attention |
| EYES | Immediately flush eyes with water for at least 15 min and get medical attention. |
| INGESTION2 | If swallowed, DO NOT INDUCE VOMITING, Get immediate medical attention. |
| INHALATION2 | Move to fresh air. Aid in breathing if necessary, and get medical attention. |

SECTION 10
ENVIRONMENTAL DATA

| | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPILL/LEAK PROCEDURE | Avoid skin contact. Neutralize w/approp. material & flush to sanitary sewer w/water. |
| WASTE DISPOSAL METHOD | Dispose of in accordance with all federal, state & local regulations. |
| HAZARDOUS WASTE 40CRF261 | NA |
| CONTAINER DISPOSAL | Empty containers may contain residuals. Thoroughly clean then offer for recycling, reuse or dispose of in accordance w/all regulations. For industrial use only. Keep in a cool and dry place. |

SECTION 11
SPECIAL PROTECTION INFORMATION

| | |
|------------------------|----------------------------------------------------------------------|
| RESPIRATORY PROTECTION | Respirator not required with most applications. |
| VENTILATION | Local exhaust is generally sufficient to minimize exposure. |
| PROTECTIVE CLOTHING | Neoprene gloves, apron, boots - as necessary to prevent skin contact |
| EYE PROTECTION | Chemical goggles |
| OTHER PRECAUTIONS | May cause gastrointestinal upset and irritation if swallowed |

SECTION 12
SUPPLIER INFORMATION

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