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- SECTION 4 – FIRE AND EXPLOSION HAZARD DATA -

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**NFPA 704 HAZARD RATING:**

**PAGE 2**

HEALTH-1; FLAM-0; REACTIVITY-0; SPEC. HAZ.- N/A

FLASH POINT: N/A (WATERBORNE PRODUCT) METHOD: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME-LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, ALOCOHOL, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE DEMAND MODE.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

CLOSED CONTAINERS MAY EXPLODE OR BURST (DUE TO THE BUILD UP OF STEAM PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

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- SECTION 5 – REACTIVITY DATA -

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STABILITY: STABLE

**CONDITIONS TO AVOID**

AVOID CONTAMINATION WITH STRONG ALKALIES, STRONG MINERAL ACIDS, STRONG OXIDIZING AGENTS. DO NOT FREEZE.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

NONE KNOWN.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS.**

BURNING, INCLUDING WHEN HEATED BY WELDING OR CUTTING, WILL PRODUCE SMOKE, CARBON MONOXIDE AND CARBON DIOXIDE.

**HAZARDOUS POLYMERIZATION: NOT EXPECTED TO OCCUR**

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- SECTION 6 – HEALTH HAZARD DATE -

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**INHALATION HEALTH RISKS AN DSYMPTOMS OF EXPOSURE:**

VAPOR OR MIST MAY CAUSE HEADACHE NAUSEA, AND IRRITATION OF THE NOSE, THROAT AND LUNGS.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

SLIGHTLY IRRITATING TO THE EYES. FLUSH WITH WATER. CALL PHYSICIAN IF IRRITATION PERSISTS.

**SKIN ABSORBTION HEALTH RISKS AND SYMTOMS OF EXPOSURE:**

IRRITATING TO THE SKIN UPON REPEATED OR PROLONGED CONTACT.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

ACUTE: SEE ABOVE CHRONIC: NONE KNOWN

**CARCINOGENICITY: NTP CARCINOGEN: NO**

**IARC MONGRAPHS: NO**

**OSHA REGULATED: NO**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PAGE 3**  
POSSIBLE ALLERGIC REACTIONS.

**EMERGENCY AND FIRST AID PROCEDURES:**

IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. IF IN EYES: FLUSH WITH LARGE AMOUNT OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. IF SWALLOWED: IMMEDIATELY DRINK TWO GLASSES OF WATER AND GET MEDICAL ATTENTION. IF INHALED: REMOVE PERSON TO FRESH AIR, IF NECESSARY APPLY ARTIFICIAL RESPIRATION AND /OR OXYGEN. GET MEDICAL ATTENTION.

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- SECTION 7- PRECAUTIONS FOR SAFE HANDLING AND USE -

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

CONFINE TO A SMALL AREA: USE ABSORBENT TO CLEAN UP. PLACE IN CONTAINER FOR DISPOSAL.

**WASTE DISPOSAL METHOD**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. CONTACT LOCAL CHEMICAL WASTE COMPANY FOR FURTHER INFORMATION.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

KEEP MATERIAL FROM FREEZING AS PRODUCT MAY COAGULATE. DO NOT EXPOSE TO EXTREME HEAT.

**OTHER PRECAUTIONS:**

N/A

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- SECTION 8 – CONTROL MEASURES -

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**RESPIRATORY PROTECTION:**

IF EXPOSURE LIMITS ARE EXCEEDED OR IF APPLIED BY SPRAYING, USE APPROPRIATE, PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR. REFER TO OSHA 29 CFR 1910-134 “RESPIRATOR PROTECTION.”

**VENTILATION:**

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW THE LOWEST STATED TLV.

**PROTECTIVE GLOVES:**

WEAR RESISTENT GLOVES SUCH AS NITRILE RUBBER.

**EYE PROTECTION:**

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

**WORK/HYGENIC PRACTICES:**

EYE WASH AND SAFTY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

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- SECTION 9 – DISCLAIMER -

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