

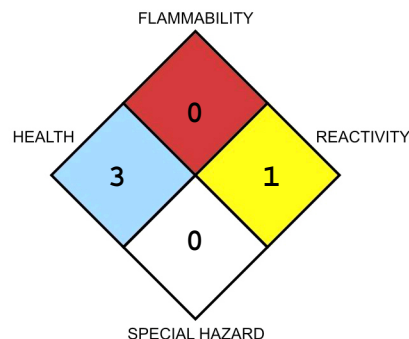


S#5347

DEGREE OF HAZARD

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

MATERIAL SAFETY DATA



SECTION I - IDENTIFICATION

IDENTITY.....AFCO 5347 INTRIGUE
MANUFACTURER'S NAME.....ALEX C. FERGUSON
ADDRESS.....800 DEVELOPMENT AVENUE
CHAMBERSBURG, PA 17201
EMERGENCY PHONE NUMBER.....717-264-9147 (AFCO)
1-800-424-9300 (CHEMTREC)
DATE PREPARED.....05/20/14

SECTION II - HAZARDOUS INGREDIENTS

EXPOSURE LIMITS PPM

| HAZARDOUS COMPONENTS | OSHA PEL | ACGIH TLV | OTHER LIMITS | CAS NO. | PCT |
|----------------------|-------------------------------|-------------------------------|--------------|-----------|-----|
| SODIUM HYDROXIDE | 2mg/m ³ 8HR TWA | 2mg/m ³ CEILING | NA | 1310-73-2 | <10 |

| | | | | | |
|---------------------|----|--|----|-----------|---|
| SODIUM HYPOCHLORITE | NA | | NA | 7681-52-9 | 5 |
|---------------------|----|--|----|-----------|---|

THE SPECIFIC CHEMICAL IDENTITY OF THE NON-HAZARDOUS INGREDIENTS IN THIS PRODUCT ARE BEING WITHHELD AS A "TRADE SECRET".

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT.....215°F
VAPOR PRESSURE (mm HG).....ND
VAPOR DENSITY (AIR = 1).....ND
SOLUBILITY IN WATER.....COMPLETE
APPEARANCE/ODOR.....CLEAR, PALE YELLOW-GREEN LIQUID, CHLORINE ODOR
SPECIFIC GRAVITY (H₂O = 1)..1.15
MELTING POINT.....NA
EVAPORATION RATE.....ND

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT.....NONE
FLAMMABLE LIMITS.....NA
LOWER EXPLOSION LIMIT.....NA
UPPER EXPLOSION LIMIT.....NA
EXTINGUISHING MEDIA.....NA

SPECIAL FIRE FIGHTING PROCEDURES...PROTECTIVE CLOTHING SHOULD BE WORN BY FIREFIGHTERS IN AREAS WHERE PRODUCT IS STORED. ALSO WEAR NIOSH CERTIFIED GAS MASK WITH CANISTER FOR CHLORINE OR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARD..MAY RELEASE FLAMMABLE HYDROGEN GAS WHEN IN CONTACT WITH SOFT METALS.



SECTION V - REACTIVITY DATA

STABILITY:

UNSTABLE -
STABLE -X
CONDITIONS TO AVOID.....EXCESSIVE HEAT

INCOMPATIBLE MATERIALS.....ALUMINUM, ZINC, TIN AND THEIR ALLOYS, STRONG ACIDS, AMMONIA, REDUCING AGENTS, COMBUSTIBLE MATERIALS.

DECOMPOSITION OR BYPRODUCTS..CHLORINE GAS WHEN MIXED WITH ACIDS.

HAZARDOUS POLYMERIZATION:

MAY OCCUR -
WILL NOT OCCUR -X
CONDITIONS TO AVOID.....NONE KNOWN

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY

INHALATION ?.....YES
SKIN ?.....YES
INGESTION ?.....YES

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE.....

EYE CONTACT:

CAUSES SEVERE BURNS THAT RESULT IN DAMAGE TO THE EYES AND POSSIBLY BLINDNESS.

SKIN:

CONTACT PRODUCES SEVERE BURNS AND DESTROY TISSUES. IRRITATION MAY BE DELAYED.

INHALATION:

BREATHING MIST OR SPRAY MAY CAUSE DAMAGE TO THE UPPER RESPIRATORY TRACT AND LUNG TISSUE WHICH COULD PRODUCE CHEMICAL PNEUMONIA, DEPENDING UPON THE SEVERITY OF EXPOSURE.

INGESTION:

CAUSES SEVERE BURNS TO MUCOUS MEMBRANES OF THE MOUTH, THROAT, ESOPHAGUS, AND STOMACH.

CHRONIC.....NONE KNOWN

CARCINOGENICITY

NTP ?.....NOT LISTED
IARC MONOGRAPHS ?.....NOT LISTED
OSHA REGULATED ?.....NO

SIGNS AND SYMPTOMS OF EXPOSURE.....CORROSIVE TO ALL BODY TISSUES BY ALL ROUTES OF EXPOSURE. THE EFFECT OF LOCAL DERMAL EXPOSURE MAY CONSIST OF



MULTIPLE AREAS OF SUPERFICIAL DESTRUCTION OF THE SKIN OR OF PRIMARY IRRITANT DERMATITIS. SIMILARLY, INHALATION OF SPRAY, OR MIST MAY RESULT IN VARYING DEGREES OF IRRITATION OR DAMAGE TO THE RESPIRATORY TRACT TISSUES AND AN INCREASED SUSCEPTIBILITY TO RESPIRATORY ILLNESS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....DERMATITIS

EMERGENCY AND FIRST AID PROCEDURES....

EYES:

OBJECT IS TO FLUSH MATERIAL OUT IMMEDIATELY THEN GET MEDICAL ATTENTION. IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST FIFTEEN MINUTES, HOLDING THE EYELIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING EYELIDS WITHIN SEVERAL SECONDS IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. **GET MEDICAL ATTENTION IMMEDIATELY.**

SKIN:

IMMEDIATELY WASH WITH PLENTY OF WATER FOR AT LEAST FIFTEEN MINUTES. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE AND DISCARD FOOTWEAR THAT CANNOT BE DECONTAMINATED. **GET MEDICAL ATTENTION.**

INHALATION:

REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, HAVE TRAINED PERSON ADMINISTER OXYGEN. IF RESPIRATION STOPS, GIVE MOUTH-TO-MOUTH RESUSCITATION. **GET MEDICAL ATTENTION.**

INGESTION:

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SWALLOWED, **DO NOT INDUCE VOMITING.** GIVE LARGE QUANTITIES OF WATER. IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. **GET MEDICAL ATTENTION IMMEDIATELY.**

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED...LEAKS SHOULD BE STOPPED. SPILLS AFTER CONTAINMENT SHOULD BE ABSORBED OR REMOVED BY VACUUM TRUCK. FLUSH SPILL AREA WITH WATER FOLLOWED BY LIBERAL COVERING OF SODIUM BICARBONATE. DISPOSE OF WASH WATER AND SPILL BY-PRODUCTS ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS. PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT.

WASTE DISPOSAL METHOD.....PACKAGE, STORE, TRANSPORT AND DISPOSE OF ALL PRODUCT WASTE ACCORDING TO ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS FOR CHLORINATED ALKALINE CLEANERS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING....KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SOFT METALS. STORE IN COOL, DRY LOCATION AWAY FROM DIRECT SUNLIGHT.



OTHER PRECAUTIONS.....ALWAYS WEAR PROTECTIVE CLOTHING DESCRIBED BELOW WHEN HANDLING PRODUCT. DO NOT MIX WITH ACIDS.

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SECTION VIII - CONTROL MEASURES

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RESPIRATORY PROTECTION (SPECIFY TYPE)...IF TLV IS EXCEEDED, USE NIOSH/MESA APPROVED RESPIRATOR.

VENTILATION

LOCAL EXHAUST.....AS NEEDED TO ELIMINATE MISTS.
SPECIAL.....NA
MECHANICAL.....NA
OTHER.....NA

PROTECTIVE GLOVES.....RUBBER OR NEOPRENE

EYE PROTECTION.....CHEMICAL SAFETY GOGGLES

OTHER PROTECTIVE CLOTHING AND EQUIPMENT...COVERALLS, CHEMICALLY RESISTANT SHOES, SHOWER AND EYE WASH FACILITY.

WORK/HYGENIC PRACTICES.....AVOID REPEATED AND PROLONGED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING.

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SECTION IX - ADDITIONAL INFORMATION

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DOES PRODUCT CONTAIN A
TOXIC CHEMICAL(S) SUBJECT
TO SARA TITLE III SECTION
313 REPORTING..... NO
CHEMICALS.....:NA

SARA TITLE III SECTION
311/312 CLASSIFICATION.....:IMMEDIATE HEALTH HAZARD