Section 6 - Accidental Release Measures

3 821

NEPA Rating:

General Information:

health: 3; flammability: 1; instability: 0;

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               Use proper personal protective equipment as indicated in Section 8.
               Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions.
               Provide ventilation.
                                      Section 7 - Handling and Storage
               Wash thoroughly after handling. Remove contaminated clothing and
               wash thoroughly after handling, kemove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not breathe dust. Use only with adequate ventilation.
               Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection
storage:
                ng Controls:
Facilities storing or utilizing this material should be equipped
with an eyewash facility and a safety shower. Use adequate
ventilation to keep airborne concentrations low.
Engineering Controls:
Exposure Limits
                                                                                                      OSHA - Final PELs
                                                                                NTOSH
                                               ACGIH
      Chemical Name
                                                                                                      none listed
                                                                     none listed
                                   none listed
   Imidazole
OSHA Vacated PELs:
 Tmidazole:
       None listed
Personal Protective Equipment
                                      Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European
Eves:
                                       Standard EN166.
                                      Wear appropriate protective gloves to prevent skin
Skin:
                                       exposure.
                                      Wear appropriate protective clothing to prevent skin
 Clothing:
                                       exposure.
                              A respiratory protection program that meets OSHA's 29
CFR 1910.134 and ANSI Z88.2 requirements or European
Standard EN 149 must be followed whenever workplace
conditions warrant respirator use.
Section 9 - Physical and Chemical Properties
Crystalline powder
 Respirators:
                                              - Physical and Chemi
Crystalline powder
white to beige
amine-like
Weak base (aq. sol.)
 Physical State:
 Color:
 Odor:
                                               0.046 mm Hg @ 25 deg C
Not available
Negligible.
 pH:
 Vapor Pressure:
 vapor Density:
Evaporation Rate:
                                                Not available
 Viscosity:
Boiling Point:
Freezing/Melting Point:
                                               255 - 256 deg C
86 - 90 deg C
 Decomposition Temperature:
Solubility in water:
Specific Gravity/Density:
Molecular Formula:
Molecular Weight:
                                                Not available
                                                soluble
                                                Not available.
                                                C3H4N2
                                                68.08
                                      Section 10 - Stability and Reactivity
  Chemical Stability:
                  Stable under normal temperatures and pressures.
  Conditions to Avoid:
  Dust generation, excess heat.
Incompatibilities with Other Materials
Strong oxidizing agents.
  Hazardous Decomposition Products
                  Nitrogen oxides, carbon monoxide, carbon dioxide.
  Hazardous Polymerization
                  will not occur.
                                    Section 11 - Toxicological Information
   RTECS# :
  CAS# 288-32-4: NI3325000
LD50/LC50:
   RTECS: CAS# 288-32-4: Oral, mouse: LD50 = 880 mg/kg;
  Oral, rat: LD50 = 220 mg/kg;.
Carcinogenicity:
   Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
   Epidemiology:
   Not available
   Teratogenicity:
   Not available
   Reproductive:
   Not available
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Neurotoxicity:
Not available
Mutagenicity:
Not available
Other:
Not available
                               Section 12 - Ecological Information
Not available
                             Section 13 - Disposal Considerations
Chemical waste generators must determine whether a discarded chemical
is classified as a hazardous waste.
US EPA guidelines for the classification determination are listed in
40 CFR Parts 261.3. Additionally, waste generators must consult state
and local hazardous waste regulations to ensure complete and accurate
classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
                               Section 14 - Transport Information
IIS DOT
      Shipping Name:
Hazard Class:
UN Number:
                                        CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
                                        UN3263
       Packing Group:
Canada TDG
Shipping Name:
                                        CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (IMIDAZOLE
      Hazard Class:
                                        UN3263
       UN Number:
       Packing Group:
                               Section 15 - Regulatory Information
US Federal
CAS# 288-32-4 is listed on the TSCA Inventory.
Health & Safety Reporting List
None of
          the chemicals are on the Health & Safety Reporting List. Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
           Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
           CERCLA Hazardous Substances and corresponding RQs
None of the chemicals in this material have an RQ.
SARA Section 302 Extremely Hazardous Substances
      of the chemicals in this product have a TPQ.
           SARA Codes
CAS # 288-32-4: acute.
Section 313
No chemicals are reportable under Section 313.
            Clean Air Act:
This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.
      Clean Water Act:
None of the chemicals in this product are listed as Hazardous
Substances under the CWA.
None of the chemicals in this product are listed as Priority
Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants
under the CWA.
      OSHA:
STATE
       Imidazole is not present on state lists from CA, PA, MN, MA, FL, or
      N.T.
California Prop 65
       California No Significant Risk Level:
None of the chemicals in this product are listed. European/International Regulations
European Labeling in Accordance with EC Directives Hazard Symbols: C
Risk Phrases:
                               R 22 Harmful if swallowed.
                                       Causes burns.
Safety Phrases:
                               S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36/37/39 Wear suitable protective clothing, gloves
                               and eye/face protection.
                               S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where
                               possible).
WGK (Water Danger/Protection)
             CAS# 288-32-4: 1
    Canada
CAS# 288-32-4 is listed on Canada's DSL List
Canadian WHMIS Classifications: DIB, E
This product has been classified in accordance with the hazard
criteria of the Controlled Products Regulations and the MSDS
contains all of the information required by those regulations.
CAS# 288-32-4 is not listed on Canada's Ingredient Disclosure
                                                                                                          3.823
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List.

Section 16 - Other Information MSDS Creation Date:

6/28/1999 Revision #7 Date

6/07/2006 The information above is believed to be accurate and represents the The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantibility or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.