Il Science Establishment Inc. 0x 92912 1er. NY 14692-9012 59 2502

MATERIAL SAFELY DAIA SHEEL

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MSDS No. CC 25 Effective Date July 1, 1986

auct (s) Size CTION ! 10 grams to 500 grams C8H10H402 CAFFEINE 1.3.7-Trimethylxanthine NAME Wind's National Science Eviabilist 1840 Mattawa Avenue Mississauga, Ontario LeX 183 24 HOUR EMERGENCY ASSISTANCE Day 716-228-6177 Ngri 716-334-4222 CHEMTREC 800-424-9300 Reactivity Health 2 7

TLY Units

HAZARD RATING

LEAST SLIGHT

MODERATE

EXTREME

~

cipal Hazardous Component(s) CTION II HAZARDOUS INGREDIENTS OF MIXTURES % ယ ဋီ

S. No.

Caffeine HARNING! HAY BE HARNFUL IF INHALED OR SHALLOHED. 2001 Not established

or Density (Air = 1) or Pressure (mm Hg) ting Point (°F) ing Point (°F) CTION III PHYSICAL DATA Hot applicable Sublimes at 238°C Sublimes at 238°C Evaporation Hate Percent Volatile by Volume (%) Specific Gravity (H,0=1)

Unknown

Hazardous Polymerization Decomposition Products

Hazardous

when heated to decomposition, emits toxic fumes of nitrous oxides

May Occur

WIH Not Occur

Conditions to Avoid

Not applicable Non-volatile solid

sarance and Odor bility in Water White powder; no odor. One gram dissolves in 46 ml of water at 20°C.

Not applicable

CTION od Used) Not applicable FIRE AND EXPLOSION HAZARD DATA Volume NA

CIAL FIREFIGHTING CEDURES

guisher

Use any media suitable

for extinguishing supporting fire.

contained breathing apparatus. In fire conditions, wear a NIOSH-approved self-

SUAL FIRE AND LOSION HAZARDS

can react vigorously with oxidizing materials. When heated to decomposition, emits toxic fumes of Nitrous oxides and other hazardous materials;

MON-REGULATED.

ed by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA

Threshold Limited Value

None established. Toxicity: Oral-Rat L050 192 mg/kg.

Effects of Overexposure

Harmful if swallowed. Avoid breathing dust. dizziness, headache, and vomiting. SIDE EFFECTS: nervousness, insomnia, tachycardia may occur,

Emergency and First Aid Procedures CONTACT: IF SHALLOWED:

medical attention. If conscious, give one or two glasses of water. induce vomiting and call a physician. water. For eyes, if irritation persists get In case of contact with skin or eyes, flush with

THIN ATTOM:

Remove to fresh air, develops, get medical attention. If illness or discomfort

Stability Unstable Stable (Materials to avoid) Strong oxidizers. SECTION VI REACTIVITY DATA Conditions to Avoid Excessive temperatures and heat.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Sweep up and place in a suitable container.

Waste Disposal Method

Otspose of in an approved incinerator

Discharge, treatment, or disposal may be subject to federal, state, or local laws

SECTION VIII SPECIAL PROTECTION INFORMATION

Ventilation Local Exhaust Recommended piration Protection city Type) ratory handling. If dusty conditions prevail, MIOSH-approved dust mask. Special 110 Other

Protective Gloves | Rubber Suggles, lab coat, rentilation hood, proper gloves, and eye wash station Eye Protection Chemical safety glasses.

SECTION IX SPECIAL PRECAUTIONS Other Protective Equipment

Precautions to be Taken In Handling and Storing

Store in a cool, dry place. Wash thoroughly after handling

Keep container tightly closed when not in use

Other Precautions

Read label on container before using

For laboratory use only. Not for drug, food or household use. Keep out of reach of children Approved liganie le Locarell Chemical Safety Coordinator

Rev. No. 16

Date ///2/87

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