MATERIAL SAFETY DATA SHEET: CAST OUT & AEROFOG 300, M /M

Section I - General Information

Date of Issue: 3/17/2005 12:00:00 AM
Chemical Name & Synonyms: N/A
Chemical Family: AQUEOUS OXIDANT
Manufacturer Name: CHEMSearch Div. of NCH Corp.
Manufacturer Address: BOX 152170 IRVING, TX 75015
Prepared By: M McDowell/Chemist

Product Code Number: 4287

Emergency Phone Number: 800-424-9300

Supercedes: 4/24/2000 12:00:00 AM
Trade Name & Synonyms: CAST OUT & AEROFOG 300, M /M
Formula is a mixture: [✓]

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients) Hazard TLV PEL STEL CAS #
NO HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200(D)

Section IIa - Non-Hazardous Ingredients

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363 - 5024P

Section III - Physical Data

Boiling Point (°F): 212°
Vapor Pressure (mm Hg): 17.5
Vapor Density (Air=1): 0.7
pH @ 100%: 9.0
% Volatile by Volume: 100
H₂O Solubility: COMPLETE
Specific Gravity (H₂O=1): 1.0
Color: COLORLESS
Odor: MILD CHLORINE
Clarity: TRANSPARENT
Evaporation Rate (BuAc=1): 0.65
Viscosity: NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: NON-FLAM
Flammable Limits: N/A
LEL: N/A
UEL: N/A

Method Used: T.C.C.

Aerosol Level (NFPA 30B): N/A
Extinguishing Media:

- [x] Foam
- [x] Alcohol Foam
- [x] CO2
- [x] Dry Chemical
- [x] Water Spray
- [ ] Other

NFPA 704 Hazard Rating:

- 4-Extreme
- 3-High
- 2-Moderate
- 1-Slight
- 0-Insignificant

Health: 1 Flammability: 1 Instability: 0 Special: OX

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards: USE CARE AS SPILLS MAY BE SLIPPERY.

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**Section V - Health and Hazard Data**

**Threshold Limit Value:**
NOT ESTABLISHED.

**Effects of Overexposure:**

**Acute:** (Short Term Exposure)
ALTHOUGH THERE ARE NO HAZARDOUS INGREDIENTS IN THIS PRODUCT, AS WITH ANY CHEMICAL, DIRECT CONTACT WITH THE EYES MAY CAUSE IRRITATION.

**Chronic:** (Long Term Exposure)
NO HUMAN CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTE OF EXPOSURE IS SKIN AND EYE CONTACT.

**Primary Routes of Entry**
- [ ] Inhalation
- [x] Ingestion
- [ ] Absorption

**Emergency First Aid Procedures:**

**Inhalation:**
REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

**Eye Contact:**
RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**Skin Contact:**
WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**Ingestion:**
GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

**Notes to Physician:**
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

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**Section VI - Toxicity Information**

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:
- [ ] IARC
- [x] NTP
- [ ] OSHA
- [ ] ACGIH
- [ ] Other
VOC CONTENT: 0% BY WEIGHT, 0% BY VOLUME, 0 G/L
NO TOXICITY DATA AVAILABLE.

Section VII - Reactivity Data

- **Stability**: [ ] Stable [ ] Unstable
  
  **Conditions to Avoid**: EXCESSIVE HEAT; CONTACT WITH ACIDS.

- **Hazardous Polymerization**: [ ] Will not occur [ ] May occur
  
  **Conditions to Avoid**: N/A

**Incompatibility (Materials to Avoid)**: STRONG ACIDS, BRASS, AND COPPER.

**Hazardous Decomposition Products**: CHLORINE AND CHLORINE DIOXIDE.

Section VIII - Spill Or Leak Procedures

**Steps to be Taken if Material is Released or Spilled**:
WEAR APPROPRIATE PROTECTIVE CLOTHING. USE CARE AS SPILLS MAY BE SLIPPERY. SHUT OFF SOURCE OF LEAK. DIKE AND CONTAIN SPILL. ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER. FLUSH AREA WITH WATER.

**Waste Disposal Method(s)**: DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

**Neutralizing Agent**: N/A

Section IX - Special Protection Information

**Required Ventilation**: GENERAL VENTILATION IS NORMALLY ADEQUATE.


**Other Protection**: WEAR GENERAL-DUTY WORK CLOTHES AND SHOES. A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE.

Section X - Storage and Handling Information
Storage Temperature
Max: 120°F   Min: 35°F

Storage Conditions
[v] Indoors   [ ] Outdoors   [ ] Heated   [ ] Refrigerated

Precautions to be Taken in Handling and Storing:
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP FROM FREEZING. IF PRODUCT FREEZES ALLOW IT TO SLOWLY WARM TO ROOM TEMPERATURE AND STIR THOROUGHLY BEFORE USING.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

Section XI - Regulatory Information

Chemical Name
None.

CAS Number

Upper % Limit

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References


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