

MATERIAL SAFETY DATA SHEET: C/M DE-STAT

Section I - General Information

(000000-000000- - 0189)

Date of Issue: 10/18/1991 12:00:00 AM
Chemical Name & Synonyms: N/A
Chemical Family: ANTISTATIC COMPOUND
Manufacturer Name: CERTIFIED LABS, DIV. OF NCH CORP.
Manufacturer Address: BOX 152170 IRVING, TEXAS 75015
Prepared By: R STOLLEY/CHEMIST

Supercedes: 2/12/1991 12:00:00 AM
Trade Name & Synonyms: C/M DE-STAT
Formula is a mixture: [v]

Product Code Number: 0189
Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Table with 5 columns: Chemical Name (Ingredients), Hazard, TLV, PEL, STEL, CAS #. Rows include ISOPROPYL ALCOHOL, CETYLTRIMETHYL AMMONIUM BROMIDE.

Section IIa - Non-Hazardous Ingredients

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)
Secret Registry #: 409363- 5310P

Section III - Physical Data

Boiling Point (?F):180
Vapor Pressure (mm Hg):20
Vapor Density (Air=1):2
pH @ 100% :7.0
% Volatile by Volume:98
H2O Solubility:COMPLETE
Specific Gravity (H2O=1):0.985
Color:WATER WHITE
Odor:ISOPROPANOL
Clarity:CLEAR
Evaporation Rate (BuAc=1):0.1
Viscosity:NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: 87 F.
Flammable Limits:
LEL: N/A

Method Used: T.C.C.
UEL: N/A

Aerosol Level (NFPA 30B): N/A

Table for Extinguishing Media: [v] Foam, [] Alcohol Foam, [v] CO2, [v] Dry Chemical, [] Water Spray, [] Other

Table for NFPA 704 Hazard Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant. Health: 3, Flammability: 3, Instability: 0, Special:

Special Fire Fighting Procedures: AS WITH ALL FIRES INVOLVING CHEMICALS, FULL PROTECTIVE GEAR AND SCBA SHOULD BE EMPLOYED.

Unusual Fire and Explosion Hazards: UNDER SPECIFIC CONDITIONS BROMINE CAN BE RELEASED.

Section V - Health and Hazard Data

Threshold Limit Value: NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

Acute: (Short Term Exposure) SWALLOWING: SLIGHTLY TOXIC. INGESTION OF A LARGE QUANTITY MAY CAUSE DROWSINESS AND LOSS OF CONSCIOUSNESS. STOMACH CRAMPS, PAIN, NAUSEA, VOMITING, AND DIARRHEA MAY ALSO OCCUR. SKIN ABSORPTION: NONE CURRENTLY KNOWN. INHALATION: LOW CONCENTRATIONS MAY CAUSE MILD IRRITATION OF EYES, NOSE, AND THROAT. CONCENTRATIONS ABOVE THE TLV MAY RESULT IN HEADACHE AND DROWSINESS. EYE CONTACT: CAUSES SLIGHT TO MODERATE IRRITATION, WITH POSSIBLE INJURY.

Chronic: (Long Term Exposure) MARKED IRRITATION TO EYES. PROLONGED SKIN CONTACT COULD LEAD TO IRRITATION.

Table for Primary Routes of Entry: [v] Inhalation, [] Ingestion, [] Absorption

Emergency First Aid Procedures:

Inhalation: REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION AND GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

Eye Contact: FLUSH EYES IMMEDIATELY WITH WATER FOR 15 MINUTES. SEE A PHYSICIAN IF IRRITATION PERSISTS.

Skin Contact: REMOVE CONTAMINATED CLOTHING AND FLUSH SKIN WITH WATER.

Ingestion: DO NOT INDUCE VOMTING. GIVE SEVERAL GLASSES OF WATER. SEEK MEDICAL ATTENTION.

Notes to Physician: THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITON.

Section VI - Toxicity Information

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By: IARC NTP OSHA ACGIH Other

ISOPROPYL ALCOHOL
 ORL-HMN TLDO: 15710MG/KG CNS 3.
 IHL-HMN TCLD: 400PPM 3.
 ORL-RAT LD50: 5840MG/KG 3.
 CETYLTRIMETHYL AMMONIUM BROMIDE
 SCU-RBT LD50: 175MG/KG 4.
 ORL-RBT LD50: 750MG/KG 4.

Section VII - Reactivity Data

Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable Conditions to Avoid: N/A	Hazardous Polymerization <input checked="" type="checkbox"/> Will not occur <input type="checkbox"/> May occur Conditions to Avoid: N/A
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Incompatibility (Materials to Avoid):
 NONE

Hazardous Decomposition Products:
 HYDROGEN BROMIDE, CARBON MONOXIDE, AND NITROGEN OXIDE.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:
 ELIMINATE SOURCES OF IGNITION. STOP LEAK. MOP OR USE A SUITABLE ABSORBANT. PLACE INTO A LABELLED CONTAINER FOR REUSE OR DISPOSAL.

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

Neutralizing Agent:
 N/A

Section IX - Special Protection Information

Required Ventilation:
 GOOD INDUSTRIAL HYGIENE PRACTICE DICTATES THAT THE WORK AREA SHOULD BE ISOLATED AND CONTAINED AND PROVIDED WITH ADEQUATE LOCAL EXHAUST VENTILATION OR OTHER CONTROLS TO MAINTAIN THE AIR CONCENTRATION OF ISOPROPNOL BELOW 400 PPM AS REQUIRED.

Respiratory Protection:
 1000 PPM CCROVF 5000 PPM GMOV6 20,000 PPM GMOV6/SAF/SCBAF ESCAPE GMOV/SCBA

Glove Protection:
 RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS ANTICIPATED.

Eye Protection:
 CHEMICAL GOGGLES IF METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:
 N/A

Section X - Storage and Handling Information

Storage Temperature Max: 120 F. Min: 32 F.	Storage Conditions <input checked="" type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Heated <input type="checkbox"/> Refrigerated
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Precautions to be Taken in Handling and Storing:
 KEEP OUT OF REACH OF CHILDREN.

Other Precautions:
 FOLLOW LABEL DIRECTIONS. DO NOT OVER APPLY.

Section XI - Regulatory Information

Chemical Name	CAS Number	Upper & Limit
None.		

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

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1991-1992
2. OSHA PEL
3. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 7TH EDITION, N. IRVING SAX AND RICHARD J. LEWIS, SR.
4. VENDOR'S MSDS.
4. VENDOR'S MSDS.

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