

MATERIAL SAFETY DATA SHEET: COOLACIDE, C/M

(000000-000000-0589)

Page: 1

DATE OF ISSUE 7/15/2002

SUPERSEDES 10/04/1999

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms: N/A

Chemical Family: POLYQUATERNARY AMMONIUM SOLUTION

Manufacturer's Name: CERTIFIED LABS, DIV. OF NCH CORP.

Address: BOX 152170, IRVING, TEXAS 75015

Trade Name & Synonyms: COOLACIDE, C/M

Formula Mixture --> X

Prepared By: C Williamson/Chemist

Product Code Number: 0589

Emergency Phone Number: 800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #		
POLY(OXYETHYLENE(DIMETHYLIMINIO)ETHYLENE(DIMETHYLIMINIO)ETHYLENE DICHLORIDE)	IRRITANT	N/E	1	N/E	2	N/E	31512-74-0

SECTION III - PHYSICAL DATA

Boiling Point (F):	>212°	Specific Gravity (H2O=1):	1.03
Vapor Pressure (MM HG):	18	Color:	PALE YELLOW
Vapor Density (Air=1):	1.03	Odor:	PUNGENT
@ 100% :	5	Clarity:	TRANSPARENT
% Volatile by Volume:	84	Evaporation Rate (BU A/C=1):	<1
H2O Solubility:	COMPLETE	Viscosity:	NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: >200°F / SETAFLASH

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: X ---Foam, X ---Alcohol Foam, X ---CO2, X ---Dry Chemical, X ---Water Spray, X ---Other

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND PULL 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.

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating: (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
 1 ---Health, 1 ---Flammability, 1 ---Reactivity, ---Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: NOT ESTABLISHED. 1.

Effects of Overexposure:

-Acute (Short Term Exposure)
 EYE CONTACT: CAUSES IRRITATION SEEN AS STINGING, TEARING AND REDNESS.
 SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS.
 INHAHALATION: INHAHALATION OF MIST MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING.
 INGESTION: CAUSES IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

-Chronic (Long Term Exposure)
 NO HUMAN CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN

MATERIAL SAFETY DATA SHEET: COOLACIDE, C/M

SECTION V - HEALTH HAZARD DATA (Continued)

CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTES OF EXPOSURE ARE SKIN AND EYE CONTACT.

Primary Routes of Entry: <--Inhalation <--Ingestion <--Absorption

Emergency and 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 LARGE AMOUNTS OF SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

-Ingestion: GIVE 3 TO 4 GLASSES OF MILK (IF NOT AVAILABLE, GIVE WATER), BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION.

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

SECTION VI - TOXICITY INFORMATION

Table with 5 columns: IARC--> No, NTP--> No, Carcinogen or Potential Carcinogen By: OSHA--> No, ACGIH--> No, OTHER--> No. Rows include PRODUCT MIXTURE, ORL-RAT LD50: 3700 MG/KG, SKN-RBT LD50: >2000 MG/KG, IHL-RAT LC50: 26.4 MG/L, EYE IRRITANT.

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable
Conditions to Avoid: NONE KNOWN.

Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE; STRONG ACIDS AND BASES; ANIONIC POLYMERS.

Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN.

Hazardous Polymerization: Conditions to Avoid: N/A <--May Occur X <--Will Not Occur

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. 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: NONE KNOWN.

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation: GENERAL VENTILATION IS REQUIRED UNDER NORMAL CONDITIONS OF USE.

Respiratory Protection: NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

Glove Protection: NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

Eye Protection: GOGGLES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:

MATERIAL SAFETY DATA SHEET: COOLACIDE, C/M

SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

WEAR GENERAL-DUTY WORK CLOTHES AND SHOES.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors-->
Minimum Temperature: 35°F Maximum Temperature: 120°F Heated--> Refrigerated-->

Precautions to be Taken in Handling and Storing:
ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. 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

- 1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2002.
2. OSHA PEL.
3. VENDOR S MSDS.

ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE,
CORR:CORROSIVE CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT
APPLICABLE, N/E:NOT ESTABLISHED, COC:CLEVELAND OPEN CUP,
PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE CLOSED CUP,
LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT,
PA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL
AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY
PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION,
ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL
HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE
EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD,
MOD:MODERATE, SEV:SEVERE, MUT:MTAGENIC, ASPHYX:ASPHYXIAN,
PNOS: PARTICULATES (INSOLUBLE) NOT OTHERWISE SPECIFIED,
SDT:STANDARD DRAIZE TEST, ORL: ORAL, HMN: HUMAN,
IHL:INHALATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.