

Date Prepared : 01-01-02

MSDS No. G060001-5

## Section 1 Material Identification And Use

Product/Tradename: **PROTECAL PLUS**

NFPA Designation: Health 1 Flammability 0 Reactivity 0  
 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Manufacturer's Name: Caled Chemical Emergency Telephone (Chemtrec) 1-800-424-9300  
 Address: 26 Hanes Drive, Wayne, NJ 07470 Working Hours: (973) 696-7575

Chemical Name: Mixture Chemical Family: Spotting Compound

Formula: Mixture Material Use: Spotter

## Section 11 Hazardous Ingredients

Hazardous Ingredients	CAS Number	Approx. Percent	Exposure Limits	Other
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None As Defined By 29cfr 1910.1200 Or State Laws

## Section 111 Physical Data

Physical State: Liquid | Odor And Appearance: Slight Ammonia Odor, Colorless

Specific Gravity	Vapor Pressure(Mm)	Vapor Density(Air=1)	Ph
1.0	ND	ND	ND

Evaporation Rate	Boiling Point(F)	% Volatile(Vol)	Water Solubility
Butyl Ace=1) Slower	212	Complete	Soluble

## Section IV Fire And Explosion Hazard Data

Flash Point(F) Method	Flammable Limits In Air % By Volume
>200 (Tag Closed Cup)	Upper: ND Lower: ND

Extinguishing Media: Water /Fog Foam Carbon Dioxide

## Special Fire Fighting Procedures:

Product Is Not Flammable To Boiling Point. However High Heat Or Thermal Decomposition May Create Toxic Nitrogen Gases And Ammonia. Use Self contained Breathing Apparatus In Confined Area.

**PROTECAL PLUS**

Unusual Fire And Explosion Hazards  
None Known

Section V Reactivity Data

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| Unstable      Conditions To Avoid:  
Stability|  
X Stable      None Known

Incompatibility (Materials To Avoid): None Known

Hazardous Decomposition Products  
Thermal Decomposition Will Produce Normal Combustion Products.

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Hazardous      |      May Occur      Conditions To Avoid  
Polymerization|X Will Not Occur      None Known  
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Section VI Health And Toxicological Data

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Route Of Entry  
Skin Contact: X                      Skin Absorption:                      Eye Contact: X  
Inhalation Acute: X                      Inhalation Chronic:                      Ingestion: X  
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Effects Of Acute Exposure  
Skin: Prolonged Contact May Cause Irritation And Dermatitis.  
Eyes: Direct Contact May Cause Irritation.  
Inhalation: Mists May Cause Irritation To Mucous Membranes.  
Ingestion: Same As Inhalation, Including Gastric Disturbances.

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Effects Of Chronic Exposure  
Preexisting Eye, Skin And Respiratory Disorders May Be Aggravated By Normal Exposure To This Product.

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Carcinogenicity, Reproductive, Teratogenicity, Mutagenicity  
No Component Is Listed As A Carcinogen By NTP, OSHA, Or IARC. Not Mutagenic. No Reproductive Or Teratogenic Properties Are Known Or Expected.

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Emergency And First Aid Procedures  
Skin And Eyes: Flush With Large Amounts Of Water For At Least 15 Minutes. Get Medical Attention.  
Inhalation: Remove To Fresh Air. Get Medical Attention.  
Ingestion: Drink Large Quantities Of Water. Do Not Induce Vomiting. Get Medical Attention.  
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**PROTECL PLUS**

Section VII Spill Or Leak Information

Steps To Be Taken If Material Is Released Or Spilled

Dike Large Spills, Pump Into Salvage Containers. Soak Up Residue And Small Spills With Absorbent Clay Or Vermiculite And Place Into Leak Proof Containers For Disposal. Flush Area With Water.

Waste Disposal Methods

In Accordance With State Federal And Local Authorities.

Section VIII Special Protection Information

Respiratory Protection (Specify)

None Needed With Good Ventilation.

Ventilation (Mechanical - General, Local, Special)

Mechanical -General: Sufficient. Local: If Misting Or Aerosol Forms

Gloves (Specify): Rubber Or Other Impervious Material      Eye (Specify): Eye Goggles Or Face Shield

Other Protective Equipment

Eye Wash Station, Protective Clothing As Required.

Section IX Special Precautions

Precautions To Be Taken In Handling And Storing

Store In Cool Dry Place. Keep Tightly Closed Containers Away From Heat Or Open Flames. Avoid Excessive Contact With Skin And Eyes. Do Not Inhale Mist Or Vapors. Wash Thoroughly After Use.

Special Shipping Information

Dot: Not Regulated

UN: Not Regulated

Sara Title III, Section 313 Release Reporting And Other Covered Regulations

No Component Is Listed By Sara Title III, Section 313 Release Reporting.

NA = Not Applicable    ND = No Data Available    Ne = Not Established    < = Less Than    > = Greater Than

Each Customer Is Encouraged To Study This MSDS Carefully To Become Aware Of And Understand The Associated Material Hazards. Proper Reference Works Should Be Consulted, As Necessary, To Use And Understand The Contained Data. This MSDS Should Be Properly Routed To All Individuals Who Use Or May Come In Contact With This Product. Understand And Follow All Pertinent Employee And Community Right To Know Regulations. We Believe That The Statements, Technical Information And Recommendations Contained Herein Are Reliable, But Given Without Warrantee Or Guarantee Of Any Kind, Express Or Implied, And We Assume No Responsibility For Any Loss, Damage, Or Expense, Direct Or Consequential, Arising From Their Use.