

Material Safety Data Sheet

Date Prepared: 01-01-02

MSDS No. 158050-8

Section 1 Material Identification And Use

Product/Trade Name: Calstar 50lb keg w/label

NFPA Designation: Health 2 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: Strong alkaline Id. Compound

Formula: Mixture Material Use: Laundry compound

Section 11 Hazardous Ingredients

Hazardous Ingredients	Cas Number	Approx. Percent	Exposure Limits	Other
Sodium Hydroxide	1310-73-10	5-10	2mg.3m osha pel)tw, 2mg/m3 acgih (tlv)tw.	
Sodium Meta Silicate	6834-92-0	5-10	osha pel 15mg/m3 Accgih tlv twa 10mg.m3	

Section 111 Physical Data

Physical State: Solid | Odor And Appearance: No odor white to off white powder.

Specific Gravity | Vapor Pressure(Mm) | Vapor Density(Air=1) | Ph
 | NA | NA | NA

Evaporation Rate | Boiling Point(F) | % Volatile(Vol) | Water Solubility
 (Butyl Ace=1) Slower | | na | complete

Section IV Fire And Explosion Hazard Data

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

Extinguishing Media: Water /Fog Carbon Dioxide Dry Chemical

Special Fire Fighting Procedures:
 Use Protective Clothing And Wear Self Contained Breathing Apparatus In Confined Areas. Use Water To Cool Drums.

Unusual Fire And Explosion Hazards
 None Known

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Section V Reactivity Data

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Stability | Unstable Conditions To Avoid:
X Stable None Known

Incompatibility (Materials To Avoid)
Strong Oxidizing agents and acids

Hazardous Decomposition Products
Thermal Decomposition May Yield toxic gas such as carbon monoxide.

Hazardous | May Occur Conditions To Avoid
Polymerization| X Will Not Occur None Known

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

Effects Of Acute Exposure
Skin And Eyes: Prolonged Contact With Skin And Eyes May Cause Irritation.
Ingestion: May Cause Gastric Disturbances, And Mucous Lining Irritation.
Inhalation: Not A Normal Route Of Entry, Mists May Cause Irritation To Mucous Linings.

Effects Of Chronic Exposure
None known

Carcinogenicity, Reproductive, Teratogenicity, Mutagenicity
No Component Is Listed As A Carcinogen By Ntp, Iarc, Or Osha, Not Mutagenic. No Reproductive Or Teratogenic Properties Are Known Or Expected.

Emergency And First Aid Procedures
Skin And Eyes: Flush Area With Large Quantities Of Water For 15 Minutes. Get Medical Attention.
Ingestion: Give Large Quantities Of Water. Get Medical Attention.
Inhalation: Remove To Fresh Air, Administer Artificial Respiration If Not Breathing.

Section VI Spill Or Leak Information

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Steps To Be Taken If Material Is Released Or Spilled
Soak Up Small Spills With Absorbant Material For Disposal Or Flush With Water If Locally Permitted. Dike Large Spills, Vacuum Or Shovel Into Containers And Dispose In Accordance With Local And Federal Laws.

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Waste Disposal Methods:In Accordance With Federal, State And Local Regulation.

Section VII Special Protection Information

Respiratory Protection (Specify)

None Normally Required. If Misting, Use Niosh Approved Mask.

Ventilation (Mechanical - General, Local, Special)

Mechanical-General Is Sufficient

Gloves (Specify): Rubber

Eye (Specify): Safety Glasses Or Safety Goggles

Other Protective Equipment

Eye Wash Station

Section VIII Special Precautions

Precautions To Be Taken In Handling And Storing:

Keep Containers Closed And Away From Heat, Sparks And Open Flames.avoid contact with skin and eyes keep away from children. Wash thoroughly After use.

Special Shipping Information

Dot: Corrosive solid basic inorganic n.o.s. (contains sodium hydroxide)cls 8 un 3262 pg II

UN: corrosive solid basic inorganic n.o.r. (contains sodium hydroxide)cls 8 un 3262 pg II imdg pg #8150-1.

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.