

Material Safety Data Sheet

Date Prepared: 01-01-02

MSDS No. 174050-5

Section I Material Identification And Use

Product/Trade Name: Unistar

NFPA Designation: Health 1 Flammability 0 Reactivity 1
 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: Mixture

Formula: Mixture Material Use: Laundry Compound

Section II Hazardous Ingredients

Hazardous Ingredients	CAS Number	Approx. Percent	Exposure Limits	Other
Sodium Meta Silicate	6834-92-0	10-20	No Listing OSHA, ACGIH Ceiling Limit 2mg/M3 (Supplier)	
Sodium Carbonate	497-19-8	50-70	Ne	Ne

Section III Physical Data

Physical State: Solid | Odor And Appearance: Bland Odor, White Powder

Specific Gravity	Vapor Pressure(Mm)	Vapor Density(Air=1)	Ph
.850	NA	NA	10-12

Evaporation Rate	Boiling Point(F)	% Volatile(Vol)	Water Solubility
NA	NA	NA	Complete

Section IV Fire And Explosion Hazard Data

Flash Point(F) Method	Flammable Limits In Air % By Volume
None (Tag Closed Cup)	Upper: Na Lower: Na

Extinguishing Media: Water /Fog

Special Fire Fighting Procedures:
 Use Protective Clothing And Wear Self Containers 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

Stability	Unstable	Conditions To Avoid:
	X Stable	None Known

Incompatibility (Materials To Avoid)
Keep From Strong Oxidizing Or Reducing Agents.

Hazardous Decomposition Products
Thermal Decomposition May Produce Combustion Products.

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

Section VI Health And Toxicological Data

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: May Produce Severe Irritation If Exposure Is Prolonged Or Repeated.
Inhalation: Dust May Produce Irritation To Mucus And Lung Lining Leading To Choking And Coughing
Ingestion: May Cause Burns To Mouth And Throat . Upset Stomach And Burns May Occur If Large Amounts Are Ingested.

Effects Of Chronic Exposure
Preexisting Skin And Lung Conditions May Become Aggravated With Over Exposure To This Product.

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 With Large Quantities Of Water For 15 Minutes. Obtain Medical Attention If Irritation Persists.
Inhalation: Remove To Fresh Air. If Not Breathing Administer Artificial Respiration. Get Medical Attention.
Ingestion: Wash Mouth With Water. Do Not Induce Vomiting. If Vomiting Occurs, Keep Head Below Hip Level Get Medical Attention. Dilute With Water And/ Or Orange Juice If Conscious.

Section VI Spill Or Leak Information

Steps To Be Taken If Material Is Released Or Spilled
Wash Small Spills To Sewer With Water If Locally Permitted. Shovel Or Vacuum Large Spills, For Recovery Or Disposal.

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Waste Disposal Methods In Accordance With Federal, State And Local Regulation.
Section VII Special Protection Information

Respiratory Protection (Specify)
Dusk, Niosh Approved; Eg3m8710

Ventilation (Mechanical - General, Local, Special)
Mechanical-General None Normally Required. Local Adequate

Gloves (Specify): Neoprene 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. Provide Adequate
Ventilation. Avoid Inhalation Of Vapors Or Contact With The Product.

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 NA = 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.