



SREE RAYALASEEMA HI-STRENGTH HYPO LIMITED

Corp.Office: 216, Complex, 40-304, Bhagya Nagar, KUNROOL-518 004. Andhra Pradesh. India
Tel: 0091-8518-228750 (Dir) / 220164 / 222852 Fax: 0091-8518-228750 / 226656

E-mail: aquafit@srhhl.com / aquafit@gmail.com



MATERIAL SAFETY DATA SHEET

Manufacturer's CAGE: 75656

Part No. Indicator: A

Part Number/Trade Name: STABLE BLEACHING POWDER – 35% available Chlorine.

Ingredients/Identity Information

Proprietary	: NO
Ingredient	: CHLORINATED LIME
Ingredient Sequence Number	: 01
Percent	: 99
NIOSH (RTECS) Number	: 1008716CL
OSHA PEL	: 0.5 PPM (CHLORINE)
ACGIH TLV	: 0.5 PPM (CHLORINE)
Other Recommended Limit	: NONE SPECIFIED

Physical/Chemical Characteristics

Appearance And Odor	: WHITE TO YELLOWISH, FREE FLOWING POWDER WITH SLIGHT CHLORINE ODOR
Boiling Point	: DECOMPOSES
Melting Point	: DECOMPOSES
Specific Gravity	: 0.9 - 1.0
Decomposition Temperature:	212F,100C
Evaporation Rate And Ref:	NOT RELEVANT
Solubility In Water	: PARTIALLY SOLUBLE
Viscosity	: NOT RELEVANT
PH	: ALKALI
Radioactivity	: NOT RELEVANT
Corrosion Rate (IPY)	: UNKNOWN

Fire and Explosion Hazard Data

Flash Point	: NONE
Lower Explosive Limit	: NOT RELEVANT
Upper Explosive Limit	: NOT RELEVANT
Extinguishing Media	: WATER SPRAY ONLY. SMOTHERING INEFFECTIVE. PRODUCT

SUPPLIES OXYGEN. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.
Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE
POSITIVE PRESSURE MODE.

Unusual Fire And Expl Hazrds: MAY FORM HAZARDOUS DECOMPOSITION PRODUCTS.
CONTAINERS MAY RUPTURE.

Contd...2..

AN ISO 9001, 14001 & OHSAS 18001 CERTIFIED COMPANY

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Reactivity Data

Stability : NO
Cond To Avoid (Stability) : CONTAMINATION OR EXCESSIVE HEAT ABOVE 100C/ 212F
Materials To Avoid : ACIDS, COMBUSTIBLES, REDUCING AGENTS
Hazardous Decomp Products: CHLORINE GAS, OXYGEN
Hazardous Poly Occur : NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture : LD50 (ORAL, RAT) IS 850 MG/KG (RTECS).
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- DUST MAY IRRITATE RESPIRATORY TRACT CAUSING SHORTNESS OF BREATH, COUGHING. CORROSIVE TO EYES/SKIN. MAY CAUSE SEVERE EYE IRRITATION & EVEN BLINDNESS. SKIN CONTACT MAY CAUSE TISSUE DESTRUCTION. IF SWALLOWED, CAUSES SEVERE BURNS OF GI TRACT. CHRONIC- UNKNOWN.
Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: SEVERE IRRITATION, PAIN, ULCERATION, TEARING, BLINDNESS, SHORTNESS OF BREATH, COUGH, PULMONARY EDEMA, SORE THROAT, ASAL CONGESTION, LARYNGITIS
Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.
Emergency/First Aid Proc: GET MEDICAL HELP IF SYMPTOMS PERSIST.
INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER OR MILK. GET MEDICAL ATTENTION OR TAKE VICTIM TO A HOSPITAL IMMEDIATELY.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WEAR PROPER PROTECTIVE EQUIPMENT. VENTILATE AREA. PICK UP DRY SPILL WITH DRY SHOVEL. PLACE IN DRY CONTAINER AND COVER. KEEP COMBUSTIBLE AWAY. DO NOT TOUCH SPILL. SPILL MAY BE COVERED WITH WEAK REDUCING AGENT (BISULFITE) AND NEUTRALIZED WITH SODA ASH.

Neutralizing Agent: BISULFITE, SODA ASH

Waste Disposal Method: CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. NEUTRALIZED SOLUTION MY BE FLUSHED TO SEWER WITH PLENTY OF WATER, IF PERMITTED.

Contd...3..

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Precautions-Handling/Storing: STORE IN COOL, DRY, VENTILATED AREA AWAY FROM COMBUSTIBLE AND INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

KEEP OUT OF REACH OF CHILDREN.

Other Precautions: DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. USE IN WELL VENTILATED AREAS. DO NOT GENERATE DUST. AVOID BREATHING DUST. CAUSES SEVERE IRRITATION AND PAIN. WASH THOROUGHLY AFTER HANDLING. USED AS A DEODORIZER (CTDF).

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Control Measures
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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation: USE LOCAL EXHAUST VENTILATION TO MINIMIZE DUST AND CHLORINE LEVELS.

Protective Gloves: NEOPRENE, PVC, RUBBER

Eye Protection: DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment: PROTECTIVE CLOTHING, EYE-WASH FACILITIES, SAFETY SHOWER.

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

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Transportation Data
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Trans Data Review Date: 97055

DOT PSN Code: CQW

DOT Proper Shipping Name: CALCIUM HYPOCHLORITE MIXTURES, DRY,

DOT Class: 5.1

DOT ID Number: UN2208

DOT Pack Group: III

DOT Label: OXIDIZER

DOT/DoD Exemption Number: NOT RELEVANT

IMO PSN Code: DKL

IMO Proper Shipping Name: CALCIUM HYPOCHLORITE MIXTURE, DRY

IMO Regulations Page Number: 5138

IMO UN Number: 2208

IMO UN Class: 5.1

IMO Subsidiary Risk Label: -

IATA PSN Code: EYV

IATA UN ID Number: 2208

IATA Proper Shipping Name: CALCIUM HYPOCHLORITE MIXTURE, DRY

IATA UN Class: 5.1

IATA Label: OXIDIZER

Contd...4..

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AFI PSN Code: EYV
AFI Prop. Shipping Name: CALCIUM HYPOCHLORITE MIXTURES, DRY
AFI Class: 5.1
AFI ID Number: UN2208
AFI Pack Group: III
AFI Special Prov: A1,A29,N34
AFI Basic Pac Ref: A9.8
Additional Trans Data: UN ID NUMBER, PER MSDS.

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Label Data
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Label Required: YES
Technical Review Date: 24FEB97
MFR Label Number: UNKNOWN
Label Status: F
Common Name: STABLE BLEACHING POWDER
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-None: X
Reactivity Hazard-None: X

Special Hazard Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- DUST MAY IRRITATE RESPIRATORY TRACT. CORROSIVE TO EYES/SKIN. IF SWALLOWED, CAUSES SEVERE BURNS OF GI TRACT. CHRONIC- UNKNOWN. STORE IN DRY AREA AWAY FROM INCOMPATIBLES. PICK UP SPILL WITH SHOVEL. PLACE IN DRY CONTAINER FOR DISPOSAL. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER OR MILK. GET MEDICAL ATTENTION IMMEDIATELY.

Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y

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