

Material Safety Data Sheet

03/16/2005

SIGNAL 15

Material Identification and Use

SUPPLIER'S NAME... STARCO CHEMICAL A DIVISION OF DIAMOND CHEMICAL CO., INC.
SUPPLIER'S ADDRESS... UNION AVE & DUBOIS ST. EAST RUTHERFORD, N.J. 07073
EMERGENCY PHONE NUMBER... 1-800-535-5053 - INFOTRAC
SUPPLIER'S PHONE... 201-935-4300
COMMON NAME (LABELS ONLY)... SIGNAL 15
PRODUCT IDENTIFIER... SIGNAL 15
FORMULA... NA
CHEMICAL FAMILY... POWDERED LAUNDRY DETERGENT, WHITE OR BLUE VARIETY.

Hazardous Ingredients of Materials

Chemical Identity CAS TLV#
NONE AS PER 29CFR 1910.1200 NA NA

Physical Data For Product

ODOR AND APPEARANCE... WHITE OR BLUE FREE FLOWING POWDER, BLAND ODOR.
SPECIFIC GRAVITY/DENSITY (g/mL)... NA
VAPOR PRESSURE... NA
VAPOR DENSITY (air=1)... NA
EVAPORATION RATE (IN BUTYL ACETATE =1)... NA
BOILING POINT... NA
FLAMMABLE LIMITS IN AIR=% VOLUME NA
VOLATILITY/VOL (%)... 0%
SOLUBILITY IN H2O... COMPLETE

Fire and Explosion Hazard of Product

MEANS OF EXTINCTION... WATER, CO2, CHEMICAL FOAM.
FLASHPOINT... NONE
UPPER FLAMMABLE LIMIT (% BY VOL)... NA
LOWER FLAMMABLE LIMIT (% BY VOL)... NA
AUTO-IGNITION TEMPERATURE... NONE
SPECIAL... NONE
UNUSUAL FIRE FIGHTING PROCEDURES NONE

Physical Hazards

CHEMICAL STABILITY... STABLE

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STABILITY CONDITIONS TO AVOID... NONE
 INCOMPATIBLE MATERIALS..... CONTACT WITH MINERAL ACIDS.
 REACTIVITY IN WATER..... NONE
 HAZARDOUS DECOMPOSITION PRODUCTS NONE
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR
 CONDITIONS TO AVOID..... NONE

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Health Hazard
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ACUTE OVER EXPOSURE EFFECTS..... SLIGHT IRRITATION TO SKIN
 CHRONIC OVER EXPOSURE EFFECTS... SAME AS ACUTE
 MEDICAL CONDITIONS AGGREGATED BY NONE KNOWN
 EXPOSURE.....
 EXPOSURE LIMIT USED..... NA
 CHEMICAL LISTED AS CARCINOGEN... NO
 IARC MONOGRAPHS?..... NO
 OSHA..... NOT LISTED
 ACGIH THRESHOLD LIMIT VALUE..... NO
 NATIONAL TOXICOLOGY PROGRAM..... NOT LISTED
 OSHA PEL..... NA

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Preventive Measures
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RESPIRATORY PROTECTION..... DUST/PARTICLE MASK
 LOCAL EXHAUST..... NONE
 MECHANICAL EXHAUST..... ADEQUATE
 SPECIAL..... NONE
 OTHERS..... NONE
 PROTECTIVE GLOVES..... RUBBER OR NON-ABSORBANT
 EYE PROTECTION..... SPLASH PROOF GOGGLES
 OTHER PROTECTIVE CLOTHING OR NONE NEEDED
 EQUIPMENT.....

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First Aid Measures
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EMERGENCY AND FIRST AID PROCEDURES.....
 INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. GIVE PLENTY OF LIQUIDS. CALL A PHYSICIAN.

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Special Precautions and Spill and Leak Procedures
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HANDLING PROCEDURES AND EQUIPMENT..... STORE IN COOL DRY PLACE
 OTHER PRECAUTIONS..... NONE
 STEP TO BE TAKEN IN CASE OF SPILL..... SWEEP UP AND FLUSH AREA WITH WATER.
 WASTE DISPOSAL METHODS..... FOLLOW ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS REGARDING DISPOSAL.