

OBRIEN AND GERE TECHNICAL SERVICES, INC. -- CONTAM-AWAY BLAST MEDIA-COMMERCIAL
FORMULA -- 6810-00-053-0194

===== Product Identification =====

Product ID:CONTAM-AWAY BLAST MEDIA-COMMERCIAL FORMULA

MSDS Date:07/01/1994

FSC:6810

NIIN:00-053-0194

MSDS Number: CBSXD

=== Responsible Party ===

Company Name:OBRIEN AND GERE TECHNICAL SERVICES, INC.

Address:5000 BRITTONFIELD PKY

City:SYRACUSE

State:NY

ZIP:

13201

Country:US

Info Phone Num:315-451-1331

Emergency Phone Num:315-451-1331/437-6400

Preparer's Name:NOT PROVIDED

CAGE:0JL60

=== Contractor Identification ===

Company Name:OBRIEN AND GERE TECHNICAL SERVICES, INC.

Address:5000 BRITTONFIELD PKY

Box:City:SYRACUSE

State:NY

ZIP:13201

Country:US

Phone:315-451-1331

CAGE:0JL60

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Fraction by Wt: >99%

Other REC Limits:NONE R

ECOMMENDED

=====
===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 4220 MG/KG. (RTECS)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, RESPIRATORY & GI TRACT. ACUTE- MAY CAUSE EYE IRRITATION. DUSTS MAY CAUSE IRRITATION OF RESPIRATORY TRACT. SODIUM BICARBONATE IS A SAFE FOOD INGREDIENT. NO SIGNIFICANT TOXICITY IS EXPECTED

D. LARGE DOSES CAN PRODUCE SYSTEMIC ALKALOSIS IN PATIENT WITH RENAL INSUFFICIENCY. CHRONIC-UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, COUGHING, REDNESS OF EYES, BLURRED VISION, NAUSEA, VOMITING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

=====
===== First Aid Measures =====

=====

First Aid:GET MEDICAL HELP IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:FLUSH WITH PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR. ORAL:SEEK MEDICAL ATTENTION IMMEDIATELY IN CASE OF OVERDOSE. NOTE TO PHYSICIAN:LARGE DOSES, PARTICULARLY IN PATIENTS WITH RENAL INSUFFICIENCY, HAVE PRODUCED SYSTEMIC ALKALOSIS AND/OR EXPANSION IN THE EXTRACELLULAR FLUID VOLUME WITH EDEMA.

=====
===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. SODIUM BICARBONATE DECOMPOSES TO SODA ASH AND CARBON DIOXIDE.

Unusual Fire/Explosion Hazard:NONE

=====
===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP MATERIAL AS MUCH AS

POSSIBLE FOR

SALVAGE OR DISPOSAL. WASH AWAY RESIDUE WITH WATER. VENTILATE AREA.

Neutralizing Agent:WEAK ACID

=====
===== Handling and Storage =====

Handling and Storage Precautions:STORE IN DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED AWAY FROM ACIDS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID BREATHING DUST. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. USE WITH ADEQUATE VENTILATIO

N.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED (DUST TLV OF 10 MG/M3), A NIOSH-APPROVED DUST RESPIRATOR OR AIR SUPPLIED RESPIRATOR IS ADVISED.

Ventilation:ADEQUATE

Protective Gloves:PLASTIC GLOVE RECOMMENDED

Eye Protection:DUST-RESISTANT GOGGLES

Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER, NORMAL WORK CLOTHING COVERING ARMS AND LEGS

Work Hygienic Practice

s:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

=====
===== Physical/Chemical Properties =====

HCC:B3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Spec Gravity:2.20

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:MODERATE

Appearance and Odor:WHITE GRANULAR POWDER - ODORLESS

=====
===== Stability and Reactivity

Data =====

Stability Indicator/Materials to Avoid: YES

ACIDS

Stability Condition to Avoid: EXCESSIVE HEAT (ABOVE 200F), MOISTURE

Hazardous Decomposition Products: CARBON DIOXIDE, SODIUM CARBONATE (SODA ASH)

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. MAY BE DILUTED WITH A LARGE VOLUME OF WATER AND RINSED INTO THE SEWER, IF ALLOWED.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.