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M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: S5506

ONTARIO: BREATH BTG APPACTS OF 2ND PROTE BYE CLOTH BTG TOTj ET BT /Pj Courier 10 Tf 72 681 LINE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 7631-99-4

MF: NNAO3

EC NO: 231-554-3

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.  
EVACUATE AREA.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -  
REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -  
USE ONLY IN A CHEMICAL FUME HOOD.  
SAFETY SHOWER AND EYE BATH.  
WASH THOROUGHLY AFTER HANDLING.  
REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.  
DISCARD CONTAMINATED SHOES.  
DO NOT BREATHE DUST.  
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.  
AVOID PROLONGED OR REPEATED EXPOSURE.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
CHEMICAL SAFETY GOGGLES.  
KEEP AWAY FROM COMBUSTIBLE MATERIALS, HEAT, SPARKS, AND OPEN FLAME.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -  
APPEARANCE AND ODOR

SOLID.

PHYSICAL PROPERTIES

MELTING POINT: 306 C

SPECIFIC GRAVITY: 2.261

SWISS POISON CLASS: 4

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -  
STABILITY

STABLE.

INCOMPATIBILITIES

MIXTURES OF SODIUM NITRATE WITH POWDERED ALUMINUM AND AN OXIDANT CAN RE-  
SULT IN A LOW-TEMPERATURE EXOTHERMIC REACTION AT 705 C IN THE PRESENCE

RTECS #: WC5600000

SODIUM(I) NITRATE (1:1)

TOXICITY DATA

ORL-CHD LDLO:22500 UG/KG	JTCTDW 32,173,1994
ORL-RAT LD50:1267 MG/KG	GISAAA 46(12),66,1981
IVN-MUS LD50:175 MG/KG	ATXKA8 21,89,1965
ORL-RBT LD50:2680 MG/KG	SOVEA7 27,246,1974

TARGET ORGAN DATA

CARDIAC (PULSE RATE INCREASED WITHOUT FALL IN BP)  
 LUNGS, THORAX OR RESPIRATION (CYANOSIS)  
 BLOOD (METHEMOGLOBINEMIA-CARBOXHEMOGLOBINEMIA)  
 ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES  
 (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR  
 COMPLETE INFORMATION.

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -  
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -  
CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF  
THIS MATERIAL.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -  
CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -  
EUROPEAN INFORMATION

OXIDIZING

HARMFUL

R 8

CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.

R 22

HARMFUL IF SWALLOWED.

R 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

S 17

KEEP AWAY FROM COMBUSTIBLE MATERIAL.

S 26

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF  
WATER AND SEEK MEDICAL ADVICE.

S 27

TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

S 36/37/39

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE  
PROTECTION.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION

FEREAC 54,7740,1989

NOHS 1974: HZD 69220; NIS 164; TNF 17916; NOS 119; TNE 165980

NOES 1983: HZD 69220; NIS 249; TNF 40765; NOS 152; TNE 557740; TFE  
110040

EPA GENETOX PROGRAM 1988, INCONCLUSIVE: SHE-CLONAL ASSAY

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 2001

SECTION 16. - - - - - OTHER INFORMATION - - - - -

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