

CARBORUNDUM CO -- COMBAT BORON NITRIDE SOLID GRADE HP -- 6840-00N039013

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

Product ID:COMBAT BORON NITRIDE SOLID GRADE HP
MSDS Date:03/23/1990
FSC:6840
NIIN:00N039013
MSDS Number: BRGDR
=== Responsible Party ===
Company Name:CARBORUNDUM CO
Box:337
City:NIAGARA FALLS
State:NY
ZIP:14302
Country:US
Info Phone Num:716-278-2000
Emergency Phone Num:800-321-8642;800-424-9300(CHEMTREC)
Preparer's Name:HSEQ DEPARTMENT
CAGE:HO706

=== Contractor Identification ===

Company Name:CARBORUNDUM CO
Box:808
City:NIAGARA FALLS
State:NY
ZIP:14302
Country:US
Phone:716-278-2183
CAGE:HO706
Company Name:CARBORUNDUM CO THE
Address:P O BOX 337
Box:City:NIAGARA FALLS
State:NY
ZIP:14302-0337
Country:US
Phone:716-278-6233
CAGE:10646

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

Ingred Name:BORON NITRIDE. PEL/TLV AS NUISANCE DUST
CAS:10043-11-5
Fraction by Wt: 95-100%

OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:OTHER INGREDIENTS
Fraction by Wt: TRACE

Ingred Name:SUPP DATA: & DISP OF THIS WASTE MATL MUST BE CONDUCTED IN
COMPLIANCE W/ALL APPLIC FED, ST, & LOC REGS.
RTECS #:9999999ZZ

Ingred Name:VENT: AIRBORNE DUST CONCENTRATIONS. RESPIRATORY PROTECTION
MAY BE NEEDED FOR NON-ROUTINE OR EMERGENCY SITUATIONS.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INGEST: NO EXPOS UNDER NORM
CNDTNS OF USE. SWALLOWING OF POWDERED MATL MAY CAUSE GI DISTURB.
SYMPS MAY INCL IRRIT, NAUS, VOMIT & DIARR. SKIN: NON-IRRITATING. NO
EXPOS UNDER NORM CNDTNS OF USE. EYE: MAY CAUSE IRRIT. ABRASIVE
ACTION MAY CAUSE DAM TO OUTER SURF OF EYE. INHAL: NO EXPOS UNDER
NORM (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:CNDTNS OF USE. DUSTS MAY CAUSE RESP
TRACT IRRIT. SPECIAL TOXIC EFTS: PROD IN POWDERED FORM IS
CONSIDERED A "NUISANCE" DUST. EXCESS AIRBORNE CONC OF NUISANCE
DUSTS MAY SERIOUSLY REDUCE VISIBIL ITY, CAUSE UNPLEASANT DEPOSITS
IN EYES,EARS & NASAL PASSAGES & CAUSE IRRIT TO SKIN/MUC MEMB BY
CHEM/MECH ACTION.
Medical Cond Aggravated by Exposure:ASTHMA AND CHRONIC RESPIRATORY
CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INGEST: DO NOT INDUCE VOMIT. GET MED ATTN IF IRRIT PERSISTS.
SKIN: WASH AREA OF CONT THOROUGHLY W/SOAP & WATER. GET MEDICAL
ATTENTION IF IRRITATION PERSISTS. EYE: FLUSH IMMED W/LARGE AMOUNTS
OF WATER FOR @ LEAST 15 MINUTES. EYELIDS SHOULD BE HELD AWAY FROM
EYEBALL TO ENSURE THOROUGH RINSING. GET MED ATTN IF IRRIT PERSISTS.
INHAL: REMOVE PERSON FROM SOURCE OF EXPOS. GET MED ATTN IF IRRIT

PERSISTS.

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

Extinguishing Media:USE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:NO SPECIAL PROC ARE REQD FOR CLEAN-UP OF SPILLS/LEAKS OF MATL. AVOID METH THAT RSLT IN WATER POLLUTION. CAUTION SHOULD BE EXERCISED REGARDING PERS SFTY & EXPOS TO SPILLED MATL, AS SET FORTH ELSEWHERE IN THIS DATA SHEET.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE. DO NOT REUSE W/OUT ADEQUATE PRECAUTIONS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF EXPOS LIM ARE EXCEEDED/IF IRRIT IS EXPER, NIOSH/MSHA APPRVD RESP PROT SHOULD BE WORN. NIOSH/MSHA APPRVD RESP FOR PARTICULATES W/A TLV OF GREATER THAN 0.05 MG/M3 IS GENERALLY ACCEPTED EXCEPT SUPPLIE D AIR RESPS ARE REQD FOR HIGH (ING 4)

Ventilation:VENT AND OTHER FORMS OF ENGINEERING CTLS ARE OFTEN PREFERRED MEANS FOR CONTROLLING CHEM EXPOS.

Protective Gloves:IMPERVOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:DO NOT WEAR CONTACT LENSES WHEN WORKING W/THIS SUBSTANCE.

Supplemental Safety and Health

WASTE DISP METH: DESIGNATED AS HAZ ACCDG TO ST REGS. THIS SUBSTANCE COULD ALSO BECOME A HAZ IF IT IS MIXED W/COMES IN CONT W/A HAZ WASTE. IF SUCH CONT/MIX MAY HAVE OCCURRED, CHECK 40CFR261 TO DETERM W HETHER IT IS A HAZ WASTE. IF IT IS A HAZ WASTE, REGS @ 40CFR262, 263, & 264 APPLY. TRANSPORTATION, ST, TRTMT, (ING 4)

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

Spec Gravity:1.8-2.1

Solubility in Water:INSOLUBLE

Appearance and Odor:ODORLESS WHITE PRESHAPED SOLID

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG OXIDIZERS. PRODUCT DECOMPOSES @ 2204 C (4000F).

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CONTACT W/STRONG OXIDIZING AGENTS MAY
PRODUCE FLAMMABLE AND TOXIC AMMONIA GAS.

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

Waste Disposal Methods:THIS SUBSTANCE, WHEN DISCARDED/DISPOSED OF, IS
NOT SPECIFICALLY LISTED AS A HAZ WASTE IN FED REGS; HOWEVER IT
COULD BE HAZ IF IT IS CONSIDERED TOX, CORR, IGNITABLE, OR REACTIVE
ACCDG TO FED DEFINITION S (40CFR261). ADDNL, IT COULD BE
(SUPPDATA)

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