

BLAST A COIL BAC20

Material Safety Data Sheet

SECTION I - PRODUCT IDENTIFIER

PRODUCT: BLAST A COIL BAC20

SUPPLIER: Virginia KMP
4100 Platinum Way
Dallas, Texas 75237
214-330-7731

NFPA Ratings:
Health: 2
Fire: 0
React: 0
Special: --
0=LEAST to 4=EXTREME

Emergency Phone: Chemtrec 1-800-424-9300
International 202-483-7616

HMIS PERSONAL PROT: G

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS-(CAS Number) EXPOSURE LIMITS

1,1,1-trichloroethane (71-55-6) ----- OSHA TWA 350 ppm

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 74.1 DEG C MELTING POINT: NA
SPECIFIC GRAVITY (H2O=1): 1.34 VAPOR PRESSURE: 100 torr @ 20 C
VAPOR DENSITY (Air=1): ND EVAPORATION RATE (BuAc=1): ND
SOLUBILITY IN WATER: negilible pH: NA
APPEARANCE AND ODOR: clear colorless aerosol, ethereal odor VOC: 0 g/l

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method): None
FLAMMABLE LIMITS: Lower[ND] Upper[ND]
EXTINGUISHING MEDIA: Dry powder, carbon dioxide (CO2), water fog or spray.

SPECIAL FIRE FIGHTING PROCEDURES: Contains chlorinated hydrocarbons, firefighters should wear NIOSH approved, self contained breathing apparatus for possible exposure to hydrogen chloride and/or phosgene. Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol containers, may explode from excessive heat.

SECTION V - REACTIVITY INFORMATION

STABILITY: PRODUCT IS, Stable
INCOMPATIBILITY: NA
MATERIALS TO AVOID: Strong alkaline materials, oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: From combustion: smoke, carbon monoxide, carbon dioxide, hydrogen chloride phosgene.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY
INHALATION? possible - irritant, narcotic SKIN/EYES? yes - irritant
SKIN ABSORPTION? unlikely INGESTION? possible - irritant

HEALTH HAZARDS

ACUTE: Inhalation can produce narcosis. Ingestion can produce anesthetic effects including death. Liquid is irritating to skin and eyes. Skin burns are possible if confined beneath clothing. Liquid can be absorbed through the skin

CHRONIC: Kidney and liver damage possible.

CARCINOGENICITY: LISTED IN NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

SIGNS AND SYMPTOMS OF EXPOSURE: Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin disorders.

FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water 15 minutes. Get medical attention if symptoms develop and persist.

SKIN CONTACT: Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.

INGESTION: Do not induce vomiting. Rinse mouth out with water. Get immediate medical attention.

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INHALATION: Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES: Emergency response coordinator must have mandated training. Eliminate all ignition sources. **SMALL SPILLS:** Pick up with absorbent materials and place in non-leaking containers; seal tightly for proper disposal or reuse. **LARGE SPILLS:** Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store away from alkaline materials, oxidizers. Store away from sources of ignition. Do not puncture or incinerate.

OTHER PRECAUTIONS: Clean up leaks/spills immediately to prevent soil or water contamination.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH Approved respirator. If TLV is exceeded.

VENTILATION: LOCAL EXHAUST - Recommended, SPECIAL - Not necessary,
MECHANICAL-Recommended, OTHER - Not necessary

PROTECTIVE GLOVES: Polyethylene or neoprene.

EYE PROTECTION: Chemical goggles or full face shield.

OTHER PROTECTIVE EQUIPMENT: Boots, aprons, drench showers, eye wash as needed for protection against spills and/or splashes.

WORK HYGIENIC PRACTICES: Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section VI. Launder contaminated clothing before reuse.

SECTION IX - TRANSPORTATION INFORMATION

DOT DOMESTIC: Consumer Commodity, ORM-D

IMDG Vessel Shipments: Aerosol Dispensers, 9, UN1950, IMDG 9022

SECTION X - REGULATORY/ENVIRONMENTAL

EPA HAZARDS: ACUTE-Yes, CHRONIC-Yes, FLAMMABILITY-No,
SUDDEN RELEASE OF PRESSURE-Yes, REACTIVE-No

Cercla: 1053 lbs RQ based on 1,1,1-trichloroethane

SARA Title III

Section 313, Toxic Materials:

| Chemical Name | CAS # | Percentage |
|-----------------------|------------|------------|
| 1,1,1-trichloroethane | (71-55-6) | 95% |

CLEAN AIR ACT: Section 111

CLEAN WATER ACT: Section 304, 307

STATES LISTS: Massachusetts, Pennsylvania, New Jersey

TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710 Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Sect. 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

Footnotes:

NA-Not applicable ND-Data not available CS-Cancer Suspect Agent OX-Oxidizer
Cor-Corrosive CALC-Calculated EST-Estimated STEL-Short Time Exposure Limit
TLV-Threshold Limit Value PEL-Permissible Exposure Limit TWA-Time Weighted Average, 8 hours

HMS, PPI-Hazardous Material Identification System, Personal Protection Index

The data presented is true and correct to the best of our knowledge and belief, however, neither seller nor preparer makes any warranties, express or implied, concerning the information presented. The user is cautioned to perform his own hazard evaluation and to rely upon his own determinations.

SCIENTIFIC INFORMATION SERVICES

Telephone (817) 560-4631

Form essentially the same as OSHA Form 174 dated September 1985

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