



UNLEADED. UNFAILING. UNBEATABLE.

Barnes Bullets  
38 North Frontage Road  
PO Box 620  
Mona Utah 84645

MSDS Sheet Number CR-10 GUN BARREL CLEANER

UPDATED: October 10, 2012

HAZARDOUS INGREDIENTS	OSHA PEL	ACGIH TLV	%	CAS#
ETHYLENE GLYCOL BUTYL ETHER	25 PPM	25 PPM	< 15%	111-76-2
AMMONIUM HYDROXIDE	NA	25 PPM	< 8%	1336-21-6
SODIUM NITRATE	15 PPM	10 PPM	< 10%	7631-99-4
M-Pyrol				872-50-4
Proprietary Blend				N/A

#### PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212 DEGREES  
SPECIFIC GRAVITY: 1.10  
SOLUBILITY IN WATER: COMPLETE  
APPEARANCE AND ODOR: LT YELLOW TO DARK AMBER LIQUID WITH STRONG AMMONIA ODOR.

#### FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: GREATER THAN 200 DEG F.  
EXTINGUISHING MEDIA: REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.  
HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.  
SPECIAL FIREFIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.  
UNUSUAL FIRE & EXPLOSION HAZARDS: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

#### REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR  
STABILITY: STABLE  
INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS, REDUCING AGENTS AND ACIDS.

#### HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:  
EYES: CAN CAUSE SEVERE IRRITATION OR BURNS, REDNESS, TEARING, BLURRED VISION.  
SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS. CAN BE ABSORBED IN TOXIC AMOUNTS, ESPECIALLY FROM PROLONGED OR REPEATED EXPOSURE.  
BREATHING: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE. BREATHING SPRAYED MISTS CAN BE IRRITATING TO MUCUS MEMBRANES.  
SWALLOWING: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. CAN CAUSE BURNS OF

MUCOUS MEMBRANES.

FIRST AID

IF ON SKIN: WASH OFF WITH WATER.  
IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION.  
IF SWALLOWED: IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY EITHER GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. GET MEDICAL ATTENTION IMMEDIATELY.  
IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:  
SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO CLOSED CONTAINER.  
LARGE SPILL: PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.  
WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH THE FEDERAL, STATE AND LOCAL REGULATIONS CONCERNING HEALTH AND POLLUTION. DISPOSE OF IN AN APPROVED CHEMICAL WASTE DISPOSAL AREA.

PROTECTIVE EQUIPMENT TO BE USED

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).  
PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: NATURAL RUBBER, NEOPRENE.  
EYE PROTECTION: CHEMICAL SPLASH GOGGLES OR OTHER EYE PROTECTION ARE RECOMMENDED.

SPECIAL PRECAUTIONS OR OTHER COMMENTS:

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.  
OVEREXPOSURE TO COMPONENTS HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: ANEMIA, LIVER ABNORMALITIES, KIDNEY DAMAGE, LUNG DAMAGE, BLOOD ABNORMALITIES.

SPECIAL PRECAUTIONS OR OTHER COMMENTS: THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE REGARDLESS OF WHOM IT ORIGINATES WITH. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

SARA 313 SUPPLIER NOTIFICATION: THIS PRODUCT CONTAINS GLYCOL ETHERS LESS THAN 20%.