



Vehicle Care Products



BLACK KNIGHT

Black Knight is a highly concentrated, heavy duty, alkaline detergent, that can be used for multiple applications as a touchless presoak, degreaser, tire cleaner, and wheel cleaner for both touchless and friction conveyors and automatics. Black Knight uses the most advanced technology for soil and road film removal. Can be used in both one and two step touchless washes. Black Knight produces cleaner and shinier paint, glass, wheels, tires, white walls and raised letters.

FEATURES & BENEFITS

- **Penetrates and removes tough road film and grime**
- **Removes eyebrows from windshields**
- **Brightens chrome and paint**
- **Hard water tolerant**
- **Pleasant scent**
- **Excellent foamer in hot and cold water**
- **Hard water tolerant**
- **Great tire and wheel cleaner**
- **Biodegradable and environmentally safe**

APPLICATION

Product Use	Recommended Dilution	Usage per Car
Touchless Automatics	1:40 to 1:72	1 1/2-4 oz. per gallon
CTAs	1:10 to 1:20	
Wheel Washers	1:25 to 1:30	

Please note that dilution ratios may need to be adjusted based upon conditions.

NOTE: See reverse side for MSDS information and General Cautions for Use

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Extreme Black Knight		
Product Class: Water-based degreaser		
Emergency Telephone Number: 800-535-5053 (INFOTRAC)		
Telephone Number for Information: 763-509-7937		
Manufacturers Name and Address: Ver-tech Labs 6801 Bleck Drive Rockford MN 55373		
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s)	
A	Sodium Hydroxide CAS #1310-58-3	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: clear liquid, Slight aroma.		
Primary Hazards: Corrosive		
Potential Health Hazards		
Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X		
Eye: May cause chemical burns on contact.		
Skin: May cause chemical burns on contact.		
Ingestion: May be harmful if swallowed.		
Inhalation: No hazardous vapors.		
Signs and Symptoms of Exposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.		
Carcinogenicity: NTP? No IARC Monographs? No		
OSHA Regulated? No		
Target Organ (s): Eyes, skin and mucous membranes.		
Medical Conditions Generally Aggravated by Exposure: N. Av.		
Health Hazards, Chronic: N. Av.		
SECTION IV - FIRST AID MEASURES		
Emergency and First Aid Procedures:		
For Eye Contact: Immediately flush eyes with sanitary eye wash solution or running water for at least 15 minutes. Obtain medical attention. Continue to flush eyes until medical attention arrives. If Swallowed: Do not induce vomiting. Drink two glasses of water, follow with orange juice and immediately call a physician. Never give anything by mouth to a unconscious person. For Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.		
Sources Used: Raw material data, general toxicology from the trade for similar products.		
SECTION V - FIRE FIGHTING MEASURES		
Flammability: No Autoignition Temperature: N. Ap.		
Flash Point (method used): None		
Flammable Limits: N. Ap. LEL UEL		
Extinguishing Media N. Ap.		
Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	Dry Chemical?
Vaporizing Liquid?	Other?	
Special Fire Fighting Procedures: N. Ap.		
Unusual Fire and Explosion Hazards: N. Av.		
TDG Flammability Classification: Non-flammable		
Sensitivity to Mechanical Impact: None		
Sensitivity to Static Discharge: None		
SECTION VI - ACCIDENTAL RELEASE MEASURES		
Steps to be Taken in Case Material is Released or Spilled:		
Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.		
SECTION VII - HANDLING AND STORAGE		
Precautions to be Taken in Handling and Storing:		
Normal care in handling and storage.		
Other Precautions: Keep out of reach of children. Keep from freezing.		
SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION		
Respiratory Protection (Specify Types): Not required		
Ventilation: Local Exhaust: Not required Special: Not required		
Mechanical (General): As required to keep vapor levels below TLV & PEL, listed in Section XI. Other: Not required		

Protective Gloves: Natural rubber or synthetic.					
Eye Protection: Approved safety goggles or shield. Footwear: Rubber footwear.					
Other Protective Clothing or Equipment: Not required					
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.					
SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: Approximately 212°F (100°C)	pH: 13 - 14				
Specific Gravity (H ₂ O) = 1: 1.10	% Volatile:				
Vapor Density (Air = 1): N. Av.	Odor Threshold: N. Av.				
Evaporation Rate (Butyl Acetate = 1): N. Av.	Oil/Water Distribution				
Solubility in Water: Complete	Coefficient: N. Av.				
Vapor Pressure (MM HG): N. Av.					
Melting Point: N. Ap.					
SECTION X - STABILITY AND REACTIVITY					
Stability: Unstable: Stable: X					
Conditions to Avoid: N. Ap.					
Incompatibility (materials to avoid): N. Av.					
Hazardous Decomposition or By-products: N. Av.					
Hazardous Polymerization: May occur	Will not occur: X				
Conditions to Avoid: N. Ap.					
SECTION XI - TOXICOLOGICAL INFORMATION					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	C2 mg/M ₃	C2 mg/M ₃	N. Av.	140-340 mg/kg (rat, oral)	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status: No					
Toxicologically Synergistic Products: N. Av.					
SECTION XII - ECOLOGICAL INFORMATION					
Ecotoxicological Information: N. Av.					
Chemical Fate Information: N. Av.					
SECTION XIII - DISPOSAL CONSIDERATIONS					
Waste Disposal Method:					
Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.					
RCRA Hazard Class: D002, characteristic corrosive.					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Corrosive liquid, basic inorganic, N.O.S.(sodium hydroxide), class 8					
UN Number: 3266					
Packing Group: II					
SECTION XV - PREPARATION DATA					
Prepared By: Health and Safety Department					
Telephone Number: 763-509-7937					
Date: 6-23-2008					
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations					
TSCA Status: All ingredients listed.					
CERCLA Reportable Quality: N. Av.					
SARA Title III					
Section 302 Extremely Hazardous Chemicals: None					
Section 311/312 Hazard Category: Immediate health, chronic health					
Section 313 Toxic Chemicals: None					
SECTION XVII - OTHER INFORMATION					
None					
N. Ap. - Not Applicable; N.Av. - Not Available					

NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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