



6178 S.R. 82 * Hiram, OH 44234
(330) 569-3255 * fax (330) 569-3130

KNOCKOUT BRUSHLESS CONCENTRATE

- **Product Introduction:** *KNOCKOUT* features a new "BRUSHLESS CONCEPT" in the form of a super concentrated "GREEN" liquid formulation that combines the cleaning ability of biodegradable detergents, environmentally friendly sequestering agents and grease cutting alkalis. Designed with "PHOSPHATE FREE" chemistry. The water adjustable concentration strength is based on the degree of soil complexity encountered in the transportation industry (TRAINS, TRUCKS & TRAILERS, UTILITY TRUCKS, AIRCRAFT, SHIPS & BOATS, AGRICULTURAL EQUIPMENT, BUSES, RV'S, CARS & VANS) at ambient temperatures. Safe on all common surfaces when used according to directions.
- **Product Introduction:** *KNOCKOUT* is designed for brushless washing when applied sprayed as a light mist directly from the mixing tank (a household garden sprayer) onto the surface to be cleaned. The proportioned solution breaks the soil matrix quickly which is then affected by a high pressure (1500-3000 psi) cold water rinse. *KNOCKOUT* is ideal for removing heavy encrustation of bugs and road film with ease; lime dust and oxides from all surfaces sensitive to acid type cleaning solutions, oil and grease including mud and grime. The chemical solution rinses freely and is thus harmless to paint over time. This formulation improves light reflectivity by leaving a rich sheen behind.
- **Process Specificity:** PREMIX A 10:1 RATIO OF WATER TO SOAP depending on soil complexity. The process can be implemented for cleaning all types of painted surfaces, chrome, ferrous and non-ferrous metals (steel and copper), white metals (aluminum and magnesium) where daily or weekly maintenance will not tarnish or dull wheels, fuel tanks, bodies, stainless steel or truck accessories. Enormous time and labor savings are realized when the surface is rinsed with cold soft to medium hard water at 4 gpm at 1500-3000 psi.
- **Product Safety:** ACCORDING TO GOVERNMENT REGULATIONS (W.H.M.I.S.) READ MATERIAL SAFETY DATA SHEETS BEFORE USING ANY CHEMICAL PRODUCT. Contains mild alkalis and biodegradable surfactants. Do not take internally. If splashed on skin, flush thoroughly with water and call physician immediately. Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

CONSULT SERVICE REPRESENTATIVE FOR SAFE AND EFFICIENT APPLICATION
THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR
IMPLIED IS MADE.

U.S DEPARTMENT OF LABOR
Occupational Safety and Health Administration

SAFETY DATA SHEET

Product Name: FORMULA 22700 KNOCKOUT
Manufacturer's Name: Midwest CTI Ltd.
Manufacturer's Address: 6178 State Route 82
Manufacturer's Phone Number: Hiram, OH 44234
Emergency Phone Number: 1.800.535.5053 (330) 569-3255
Proper Shipping Name: Corrosive liquids, n.o.s., (disodium tetroxosulfate pentahydrate), 8, UN1760, PGIII
Effective Date: 11-20-00

SECTION 2 IDENTITY INFORMATION AND HAZARDOUS INGREDIENTS

Chemical Name:	CAS No.:	TLV:	Carcinogen:
Sodium Metasilicate	6834-92-0	2mg/m ³	no

~This product contains 10 ingredients & subject to the reporting requirements of SARA title III, section 313.

SECTION 3 PHYSICAL DATA

Boiling Point:	>225° F	Specific Gravity:	1.10/0.05
Solubility in Water:	Complete	Evaporation Rate(Hp-1):	1.0/0.2
Physical Description:	Clear liquid	pH (Concentrate):	13.0/1.0

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point:	None	LEL:	Not Applicable
Flammable Limits:	None	UEL:	Not Applicable
Extinguishing Media:	This product is non-combustible. Water spray, dry chemical, CO2, or foam may be used in areas where this product is stored.		
Special Fire Fighting Procedures:	As in case of any fire, firefighters should wear a full face, self-contained breathing apparatus and impervious clothing such as gloves, hoods, suits, and rubber boots.		
Unusual Fire and Explosion Hazards:	None		

SECTION 5 REACTIVITY DATA

Stability:	Unstable _____
	Stable _____
Incompatibility (Materials to Avoid):	Acids
Conditions to Avoid:	None known
Hazardous Decomposition or Byproducts:	None known
Hazardous Polymerization:	Will not occur

SECTION 6

STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storing:

Empty containers retain product residue which should be treated in accordance with all precautions on this data sheet.

KEEP AWAY FROM CHILDREN
FOR USE BY TRAINED PERSONNEL ONLY

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
KEEP CONTAINER CLOSED DURING STORAGE

SECTION 7

HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

SKIN: Concentrate may cause skin irritation, reddening, or dermatitis upon repeated contact.

EYES: Concentrate is an eye irritant and may cause irritation, redness, or tearing.

INHALATION: Concentrated vapors may cause irritation.

INGESTION: If swallowed, product may be irritating to the gastrointestinal system.

First Aid Procedures:

SKIN: Immediately flush exposed area with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.

EYES: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention.

INHALATION: Remove person to fresh air. If irritation persists get medical attention.

INGESTION: DO NOT induce vomiting. Dilute by giving water or milk. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet. Get medical attention immediately.

SECTION 8

SPECIAL PROTECTION INFORMATION

Respiratory Protection: If TLV is exceeded, NIOSH/MSHA air respirator advised.

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Protective Gloves: As with all cleaners, CHEMSAFE supports employee safety as priority #1. Therefore, we recommend the use of impervious, waterproof gloves.

Eye Protection: As with all cleaners, CHEMSAFE supports employee safety as priority #1. Therefore, we recommend the use of safety glasses or chemical splash goggles.

Other Protective Equipment: Impervious clothing or apron.

SECTION 9

SPILL OR LEAK PROCEDURE

Steps To Be Taken in Case Material is Released or Spilled:

Prevent product from accessing sewer or other water sources. Neutralize retained product.

Wash neutralized product to sewer with large amounts of water.

Waste Disposal Method:

Any method in accordance with applicable laws.

This information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition. We make no warranties, express or implied, and assume no liability in connection with any use of this information. 22700