

TIRE BUFFER

BALKAMP, INCORPORATED MATERIAL SAFETY DATA SHEET

"Blank" spaces are not permitted. If needed to complete all spaces, use the coding system below.

NA=Not Applicable NK=Not Known NE=Not Established NR=Not Required

QUICK IDENTIFIER
(Product name as it appears on label or on the package)

Silverline Liquid Buffer and Cleaner

Supplier part number(s) as it or they appear on label or package.

565-1322

Supplier to NAPA of the above named product.

Company Name,
Street Address,
City, State, Zip

Balkamp, Incorporated
2601 S. Holt Road
P.O. Box 41B277
Indianapolis, IN 46241

PHONE (317) 244-7241
EMERGENCY 1-800-424-9300
CONTACT (24HRS.) (CHEMTREC)
DATE MSDS WAS PREPARED 12-11-1990
FAX NO. (317) 244-2644

Manufacturer (or, Supplier) from whom Balkamp purchases the above named product

Company Name,
Street Address,
City, State, Zip

Camel Tire Care Products
500 Southeast 48th St.
Muskogee, OK 74402-0769

PHONE (800) 331-4062
NO. (918) 687-5427
CONTACT (OPTIONAL)

SECTION ONE - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

All health hazards which comprise 1% or greater of the composition, and all carcinogens if 0.1% of the composition or greater.

TECHNICAL (SPECIFIC) CHEMICAL NAME <small>Do not use a common name or synonym unless it is shown in parentheses immediately following or inside the Technical Name</small>	C.A.S. NO.	OSHA PEL	ACGIH TWA (Threshold Limit Value)	Other Limits recommended (optional)	% (Optional)
1,1,1-Trichloroethane	71-55-6	350ppm	350ppm		

SECTION TWO - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SHOW METHOD USED) None FLAMMABLE LIMITS LEL 8% UEL 10.5%
EXTINGUISHING MEDIA CO₂, Dry Chemical, or Water Fog
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus.

NFPA RATINGS
NATIONAL FIRE PROTECTION ASSOCIATION
HEALTH 3
FLAMMABILITY 1
REACTIVITY 1
SPECIAL HAZARDS

UNUSUAL FIRE & EXPLOSION HAZARDS

None known

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION

Highly toxic and irritating fumes.

8608 81

SECTION THREE - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 165°F SPECIFIC GRAVITY (H₂O=1) 1.3-1.4 MELTING POINT NA VAPOR PRESSURE (mm Hg.) >1 VAPOR DENSITY (AIR=1) 4.6
EVAPORATION RATE <1 SOLUBILITY IN WATER Insoluble % VOLATILE BY VOLUME >90 OTHER (If any) NA
APPEARANCE AND ODOR Clear liquid. Solvent odor.

SECTION FOUR - REACTIVITY and STABILITY DATA

STABLE UNSTABLE Conditions to avoid Heat and Open Flames.
HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR Conditions to avoid None known.
INCOMPATIBILITY (MATERIALS TO AVOID) Strong oxidizers and Alkalies.

HAZARDOUS "NON-THERMAL" or "NON-FINE" HYDROGEN CHLORIDE, or on their own, or as by-products of their decomposition or by-products
Phosgene and Chlorine

SECTION FIVE - HEALTH HAZARD DATA

HEALTH HAZARDS	ACUTE	<input checked="" type="checkbox"/>	CHRONIC	<input checked="" type="checkbox"/>	NOTE: If "CHRONIC" is checked, elaborate below on what the effects are.
Chronic over-exposure can result in liver disease and rhythm disorders of the heart.					
ROUTES OF ENTRY	TIME AND SYMPTOMS OF EXPOSURE				
	MANNER	YES	NO		
	INHALATION	<input checked="" type="checkbox"/>		Headache, dizziness, lightheadedness, possible convulsions, visual disturbances. In high concentration, may cause necrosis and death.	
	SKIN	<input checked="" type="checkbox"/>		Possible irritation.	
	INGESTION	<input checked="" type="checkbox"/>		Nausea, vomiting, abdominal pain, irritation of throat. In high concentrations, may cause necrosis and death.	
	EYES	<input checked="" type="checkbox"/>		Severe irritation and burning.	

EMERGENCY AND FIRST-AID PROCEDURES	INHALATION	Remove from contaminated area. Get Medical attention. If person is not breathing, administer artificial respiration. Give Oxygen if needed.
	SKIN	Remove contaminated clothing. Wash skin with soapy water.
	INGESTION	Call Physician or local Poison Control Center immediately.
	EYES	Immediately flush with running water for at least 15 minutes. Call Physician immediately.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.
 (NOTE to PHYSICIAN) - Do NOT give Epinephrine type drugs.

CARCINOGENICITY? NTP? No. IARC MONOGRAPHIST No. OSHA? No

SECTION SIX - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO TAKE IN CASE THE MATERIAL IS SPILLED OR RELEASED	Wear personal protective equipment. Remove sources of ignition or heat. Ventilate area. Pick up with an inert absorbent.
DISPOSAL METHOD	May be burned in an approved incinerator, or disposed of in accordance with all Federal, State, and local Regulations.
PRECAUTIONS TO TAKE IN STORAGE AND HANDLING	Store in cool, well ventilated area away from all sources of ignition and sunlight.

SECTION SEVEN - CONTROL MEASURES

RESPIRATORY PROTECTION: If TLV is exceeded, or symptoms of over-exposure occur, wear NIOSH approved self-contained respirator.	GLOVES	Nitrile or Chemical Resistant
VENTILATION: LOCAL EXHAUST: Either method is acceptable if they both meet the TLV.	EYE PROTECTION	Safety Goggles
NEEDED: MECHANICAL (GENERAL) below 350 ppm	OTHER	N/A

Work/Hygiene Practices: Avoid skin contact and inhalation. Wash skin after contact has been made.

Are any of the chemicals subject to SECTION 313 of title III of the Superfund Amendments and Reauthorization Act (SARA) of 1980 and 40 CFR, Part 372?	Do any of the chemicals have an RCRA Hazardous Waste No.?	DOT: Shipping Name: 3 only Not Required DOT: Hazard Class: 2.3 Identification No. IATA Class: IATA Shipping Name:
---	---	---