

**MATERIAL SAFETY DATA SHEET**  
(29 CFR 1910.1200)

Complies with OSHA's Hazard Communication Standard

INFORMATION TELEPHONE NUMBER: 800-255-0262 (M-F 8AM to 5PM, CST)		REFERENCE: 28530	
<b>PRODUCT NAME:</b> <b>Zutron Instrument Lubricant &amp; Rust Inhibitor</b> <i>(as it appears on label):</i>			
DESCRIPTION: An oil and water emulsion for instrument lubrication and rust prevention			
REORDER NUMBER: Gallon: ZUTR28531 16oz: ZUTR28533			
MANUFACTURED BY: Central Solutions, Inc. 401 Funston Rd., Kansas City, KS 66115			
MARKETED BY: Zutron Medical 1011 Broadway Kansas City, MO 64108		Date Prepared: Prepared By: Reviewed By:	12-12-2008 Darin L. Farmer, Operations Quality Director Richard Kueser, Business/Regulatory Compliance Director
HMIS RATING (concentrate) HEALTH: 0 REACTIVITY: 0 FLAMMABILITY: 0 PERSONAL: 0			
HAZARD RATING: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme A = Safety Glasses B = Safety Glasses & Gloves			
<b>SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS</b>			
HAZARDOUS COMPONENTS <i>(Specific Chemical Identity: Common Names)</i>		CAS #'s	OSHA PEL ACHIH TLV Other Limits Recommended % (Optional)
<b>No Hazardous Ingredients Present</b>			
Contains NO reportable hazardous ingredients as defined by OSHA's Hazard Communication Standard. Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title II (Emergency Planning and Community Right-to-Know Act)			
N/A = Not Applicable N/E = Not Established N/D = Not Determined N/L = Not Listed			
<b>SECTION 3 - HAZARDS IDENTIFICATION (Potential Health Effects)</b>			
POSSIBLE ROUTES OF ENTRY INTO THE BODY:		Eyes, ingestion, Skin	
HEALTH HAZARDS:		May cause mild eye and skin irritation with prolonged exposure. May be harmful if swallowed.	
SIGNS & SYMPTOMS OF EXPOSURE:		EYES: Possible watering, burning and redness. SKIN: Possible mild irritation with prolonged exposure to concentrate. SWALLOWED: Possible gastrointestinal irritation or disturbance.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:		None known	
CARCINOGENICITY:		NO ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or OSHA.	
<b>SECTION 4 - FIRST AID MEASURES</b>			
EYES: Flush with clear water for 15 minutes. SWALLOWED: If patient is conscious and alert, dilute by drinking large quantities of water. Allow vomiting to occur then get medical attention. Always get medical attention when product is swallowed or when signs and/or symptoms of significant or persist.			
<b>SECTION 5 - FIREFIGHTING MEASURES</b>			
FLASH POINT (method used):		N/A (water based liquid) FLAMMABLE LIMITS: LEL: N/A UEL: N/A	
EXTINGUISHING MEDIA:		As appropriate for the surrounding fire.	
SPECIAL FIREFIGHTING TACTICS:		As appropriate for the surrounding fire.	
UNUSUAL FIRE & EXPLOSIVE HAZARDS:		None	
<b>SECTION 6 - ACCIDENTAL RELEASE MEASURES</b>			
SMALL SPILLS:		Small spills (< 1 gallon) may be washed down a drain or cleaned up and disposed of into a sanitary sewer system.	
LARGE SPILLS:		Large spills (> 1 gallon) should be contained and collected (by absorption or vacuuming) then disposed of in accordance with local, state, and federal regulations.	
<b>SECTION 7 - HANDLING AND STORAGE</b>			
HANDLING:		Do not contaminate water, food, or feed. Do not reuse empty containers. Keep containers clean & closed.	
STORAGE:		KEEP OUT OF REACH OF CHILDREN	
<b>SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION</b>			
ENGINEERING CONTROLS:		Mechanical Ventilations (General): Normally sufficient Local Exhaust: Not Normally Needed	
RESPIRATORY PROTECTION:		Not needed. General ventilation is normally adequate.	
SKIN PROTECTION:		Not normally needed, avoid prolonged contact with skin, wear gloves if unavoidable	
EYE PROTECTION:		Avoid contact with eyes while using, wear eye protection if application might allow getting product into eyes	
WORK/HYGIENE PRACTICES		Do not get into eyes. May be harmful if swallowed. Protect food & drink from contamination by product.	
<b>SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES</b>			
APPEARANCE & ODOR:		A milky white opaque liquid with a bland odor.	
BOILING POINT:	212° F	DENSITY (lb./gallon) @ 25° C	8.32 to 8.40 lb/gal
VAPOR PRESSURE:	N/E	MELTING POINT:	N/E
VAPOR DENSITY:	N/E	SOLUBILITY IN WATER:	Complete
		pH (Ready-To-Use):	9.5 - 10.5
		pH (diluted as per label):	N/A
		EVAPORATION RATE (Butyl Acetate = 1):	N/E
<b>SECTION 10 - STABILITY &amp; REACTIVITY</b>			
STABILITY:		Stable	
HAZARDOUS POLYMERIZATION:		Will not occur	
INCOMPATIBILITY (materials to avoid)		None known	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS		None known	
<b>SECTION 11 - DISPOSAL CONSIDERATIONS</b>			
WASTE DISPOSAL METHOD:		This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).	
<b>SECTION 12 - TRANSPORTATION INFORMATION</b>			
PROPER SHIPPING NAME: Chemicals, NMFC, 60000, Class 70		DOT HAZARD CLASS: Not Hazardous	
DOT SHIPPING ID NUMBER: N/A		DOT LABELING: N/A	