

Material Safety Data Sheet This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

		This product is subject to labeling and training under Hea Canada Disinfectant Drug Product Regulations. This prod not subject to WHMIS.	alth HCS C duct is	lass: I	rritating substance.
WHMIS (Pictogram	ms)	WHMIS (Classification)			HCS
Section 1. Che	emica	I Product and Company Identification			
Product Name/ Trade name	AF7	9	Code		79
Synonym	Disinf	ectant/Cleaner/Degreaser/Deodorant/Mildewstat/Viru	CAS #		Not applicable.
Chemical Family	N/A		Validation	Date	1/2/2009
Chemical Formula	Not a	oplicable.	Print Date		3/20/2009
Manufacturer/ Supplier	1001 Toled	Corporation Brown Avenue o, Ohio 43607 241-2156	<u>In Case of</u> <u>Emergency</u>	Che	emtrec (800) 424-9300
TSCA	TSCA	nventory: All components listed or are exempt from listing.			
DSL/ NDSL	All cor	nponents listed unless noted elsewhere on this MSDS		Pro	tective Clothing
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Section 2. Composition and Information on Ingredients					
Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>	
n-alkyl (C12-C16)-N, N dimethyl amine oxide	61788-90-7	1 - 5	Not available.	ORAL (LD50): Acute: 4610 mg/kg [Rat].	
Dipropylene Glycol Methyl Ether	34590-94-8	1 - 3	ACGIH TLV (United States). TWA: 100 ppm 8 hour(s). STEL: 150 ppm 15 minute(s).	Not available.	
Tetrasodium salt of ethylendiaminetetraacetic acid	64-02-8	1 - 2	Not available.	ORAL (LD50): Acute: 3030 mg/kg [Rat].	
Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride	68424-85-1	0.3	Not available.	Not available.	

## Section 3. Hazards Identification

Potential Acute Health Effects	Harmful if swallowed. This product is an eye irritant. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.	
Potential Chronic Health Effects	Over-exposure by inhalation may cause respiratory irritation.	
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.	

Section 4. Fir	rst Aid Measures
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.

## Section 5. Fire Fighting Measures

<b>Products of Combustion</b>	Not applicable.
Fire Fighting Media and Instructions	Non-flammable substance.
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A

Section 6. Accidental Release Measures		
Small Spill and Leak	Chemical anti-splash goggles.	
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.	
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.	

Section 7. Handling and Storage		
Precautions	Keep away from incompatibles.	
Incompatibility	acids oxidizing agents	
Storage	Keep out of the reach of children. Not for use or storage in or around the home.	

Section 8. Exposure Controls/Personal Protection			
Engineering Controls	Good general ventilation should be sufficient to control airborne levels.		
Personal Protection Eye	s Safety glasses.		
Body	No special protective clothing is required.		
Respiratory	A respirator is not needed under normal and intended conditions of product use.		
Hands	Gloves (impervious).		
Protective Clothing (Pictograms)			
Exposure Limits	See Section 2 For Applicable Exposure Limits		

Section 9. Physica	al and Chemical Properties		
Physical State and Appearance	Liquid. (Liquid.)	Odor	Pleasant.
Molecular Weight	Not applicable.	Taste	Burning. (Strong.)
рН	11.5 to 12.5 [Basic.]	Color	Clear Blue. (Light.)
Boiling/Condensation Point	213°F initial		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.002 (Water = 1)		
Vapor Pressure	2.7 kPa (20 mm Hg) (at 20°C)		
Vapor Density	>1 (Air = 1)		
Volatility	Not available.		
VOC	Not available.		
Evaporation Rate	<1 compared to Butyl acetate.		
<b>Dispersion Properties</b>	See solubility in water.		
Solubility	Easily soluble in cold water.		
The Product is:	Non-flammable.		
Auto-ignition Temperature	Not applicable.		
Flash Points	CLOSED CUP: >98.889°C (210°F).		
Flammable Limits	Not applicable.		
Fire Hazards in Presence of Various Substances	Not applicable.		
Explosion Hazards in Presence of Various Substances	Not applicable		

Section 10. Stability and Reactivity Data	
Stability	The product is stable.
Incompatibility with Various Substances	acids oxidizing agents
Hazardous Decomposition Will not occur. Products	

Section 11. Toxic	ological Information
<b>Routes of Entry</b>	Not available.
Toxicity to Animals	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium EDTA).
Acute Effects on Humans	
Eye	s This product is an eye irritant.
Ski	<i>n</i> Irritating to skin.
Inhalatio	<i>n</i> Hazardous in case of inhalation.
Ingestio	n Hazardous in case of ingestion.
Chronic Effects on Humans	Over-exposure by inhalation may cause respiratory irritation.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information			
Ecotoxicity	Not available.		
BOD5 and COD	Not available.		
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.		
Toxicity of the Products of Biodegradation	f Not available.		
Special Remarks on the Products of Biodegradation	No additional remark.		

Section 13. Disposal Considerations		
Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.	
Waste Stream	Not available.	

Section 14. Transport Information				
DOT (U.S.A) (Pictograms)				
TDG Classification	Not a TDG controlled material.			
PIN UN, Proper Shipping Name, PG	, Not applicable.			
Maritime Transportation	Not available.			

WHMIS (Classification)	r Regulatory Information and Pictograms   This product is subject to labeling and training under Health Canada   Disinfectant Drug Product Regulations. This product is not subject to   WHMIS.				
Regulatory Lists	CEPA DSL				
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).				
Other Classifications	HCS (U.S.A.)	HCS Class: Irritating substance.			
	USA Regulatory Lists	No products were found.			
	DSD (EEC)	This product is not classified according to the EU regulations.			
	International Regulations Lists	No products were found.			
Hazardous Material Information System (U.S.A.)	Health Flammability	1National Fire0Protection	0 Flammability		
The Hazard Ranking systems p		O Association (U.S.A.) rovide only a quick reference for hazard informat ards, First Aid measures, and PPE associated wi			
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The Hazard Ranking systems p MSDS must be consulted to de Section 16. Other Validated by CRushton Information Contact Be 10 To Notice to Reade To the best of our knowledge, th liability whatsoever for the accur Final determination of suitabilit	resented on this MSDS p termine any specific haz Information on 1/2/2009. tco Corporation 01 Brown Avenue bledo, Ohio 43607 e information contained h acy or completeness of the ty of any material is the s	Verified by CRushton. Printed 3/20/2009.	tion. The ENTIRE Specific Hazard th this product.		