

I Chemical Product and Company Identification	Product Name ZINK-ON AMG-5		Emergency (800)831-9889
	Product Code 04687	UPC-A SCC	Medical(Collect) (303)592-1024
II Composition/ Information on Ingredients	Manufacturer JOHNSONDIVERSEY INC. 3630 E. KEMPER RD CINCINNATI, OH 45241-2046		Chemtree (800)424-9300
	Date 04/05/1989		
Chemical Family PHOSPHATIZING COMPOUND			
III Hazards Identification	Chemical Name of Hazardous Ingredient	%	Exposure Limits
	PHOSPHORIC ACID (7664-38-2)	<20	TLV 1; PEL 1; ST 3
IV First Aid Measures	NICKEL NITRATE (13478-00-7)	<5	TLV 0.1; PEL 0.1
	NITRIC ACID (7697-37-2)	<20	TLV 5; STEL 10; PEL 5
V Fire Fighting Measures	Signs and Symptoms of Exposure CORROSIVE TO SKIN AND EYES. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT.		
	Chronic Exposure SAME AS ACUTE		
HMIS: Health 3 Flammability 0 Reactivity 1 Personal Protection D			
Conditions Aggravated SENSITIVE SKIN AND EYES			
Carcinogen Info NONE NTP IARC OSHA			
Target Organs or System			
Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
V Fire Fighting Measures	Inhalation N/A IN NORMAL OPERATION.		
	Eyes	FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION.	
	Skin	REMOVE CONTAMINATED CLOTHES AND SHOES.	
	Ingestion	GIVE MILK OR WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.	
V Fire Fighting Measures	Fire Control Measures/ Equipment	OVERALL COVER OF PERSONNEL IF VAPORS OF PRODUCT ARE ENCOUNTERED.	
	Flammable Property Info		
	Explosion Info	MATERIAL IS ACIDIC AND WILL REACT WITH FERROUS ALLOYS TO PRODUCE.	
	Extinguishing Media	H2O, CO2, FOAM, DRY CHEMICAL	
	Gases		

VI Accidental Measures	Spill and Leak Clean UP Procedures FLUSH SMALL AMOUNTS TO DRAIN. COLLECT ON FLOOR DRY MATERIAL AND NEUTRALIZE WITH NAHCO3. COLLECT AND RETURN LARGE AMOUNTS TO DRUM.
	Environmental Precaution:
VII Handling and Storage	Ventilation Required? YES Instructions NONE
	Safe Storage, Handling and Use Instructions KEEP CONTAINER CLOSED. IF FROZEN, THAW AND MIX TO MAKE USABLE. DO NOT PRESSURE CONTAINER TO EMPTY.
	Incompatible Materials
VIII Exposure Controls/ Personal Protection	Protective Gloves ACID RESISTANT
	Eye Protection FACE SHIELD
	Respiratory Protection NONE
	Other Protective Clothing Equipment NONE
IX Physical and Chemical Properties	Characteristics o of Hazardous Chemical
	Vapor Pressure 17.5 MmHg@ 20 °C Vapor Density(Air=1) N/A pH Water Solubility 100 %
	Appearance & Odor LIGHT GREEN LIQUID; ACRID ODOR
	Boiling Point 212 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.45 Volatile by Volume 50 %
	Evaporation Rate(n-Butyl Acetate=1) >1
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive NONE
	Reactivity and Hazardous Polymerization NONE
	Possible Hazardous Reactions
	Conditions to Avoid
	Materials To Avoid CONCENTRATED ALKALI
	Hazardous Decomposition Products CO, NO WITH INCOMPLETE COMBUSTION
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling PH ADJUSTMENT; CONTAINS PHOSPHORUS, ZINC, AND NICKEL IONS. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING CONTAINER OR DISPOSAL.
	Disposal of Contaminated Material CO, NO WITH INCOMPLETE COMBUSTION
XIV Transport Information	COMPOUND,RUST PREVENTING,CORROSIVE MATERIAL NA-1760/NMFC-LTL-65
XV-Regulatory Information	
XVI-Other Information	
S.A.R.A. Title III Section 313	ZINC ON AMG-5 CONTAINS NICKEL NITRATE CAS #13478-00-7 AT 4.0% REPORTABLE AS A NICKEL COMPOUND. ZINC NITRATE CAS #7779-88-6 AT 17.2%. REPORTABLE AS A ZINC COMPOUND. PHOSPHORIC ACID CAS # 7664-38-2 AT 23.6%, NITRIC ACID CAS #7697-37-2 AT 7.9%.
State Right to Know Information	