


SECTION 1: PRODUCT AND COMPANY IDENTIFICATION		
PRODUCT IDENTIFIER	Battery wash w/ detergent & color change	
MATERIAL USE	neutralizing cleaner	
RESTRICTION ON USE	industrial use only	
MANUFACTURER	Weldex Sales	
TELEPHONE #	540-586-9648 Monday to Friday 8:00 AM to 5:00 PM	
EMERGENCY PHONE #	Chemtrec 800-262-8200	
SDS PREPARATION DATE	5/28/2018	
SECTION 2: HAZARDS IDENTIFICATION		
OSHA GHS HAZARD CLASSIFICATION	Category 2 eye irritant	
HAZARDS NOT OTHERWISE CLASSIFIED	none known	
LABLE ELEMENTS		
SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS		
INGREDIENT IDENTIFICATION	APPROXIMATE CONCENTRATION (%)	C.A.S. NUMBERS
Potassium Carbonate	4%	584-08-7
Sodium Carbonate	2%	497-19-8
Trade Secret 505	4%	
SECTION 4: FIRST AID MEASURES		
EYE	Remove contact lenses at once. Flush eye with water or eye rinse solution. Consult physician if irritation persists. May cause transient corneal injury.	
SKIN	Wash with soap and water, rinse well. Consult physician if irritation persists	
INGESTION	Single does oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful.	
INHALATION	Exposure to vapor or mist is possible. Short term inhalation is not likely to cause harmful effects: breathing large amounts may be harmful. Remove to fresh air if breathing is difficult	
Most important symptoms/effects, acute & delayed	Possible transient corneal injury	
Indication of immediate medical attention & special treatment, if necessary	Possible transient corneal injury	
SECTION 5: FIRE FIGHTING MEASURES		
EXTUNGUISHING MEDIA	Dry chemical media is best to prevent splashing of liquid.	
SPECIFIC HAZARDS ARISING FOR THE CHEMICAL	none known	
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE-FIGHTERS	Wear protective clothing use normal fire fighting precautions.	
SECTION 6: ACCIDENTAL RELEASE MEASURES		
PERSONAL PRECAUTIONS	Use regular use PPE for product to clean up spills.	
ENVIRONMENTAL PRECAUTIONS	none known	

METHODS & MATERIALS FOR CONTAINMENT & CLEANING UP	Absorb with an inert material and scoop up for proper disposal.			
SECTION 7: HANDLING & STORAGE				
PRECAUTIONS FOR SAFE HANDLING	Use normal PPE for handling of closed product. Use good personal hygiene when handling. Do not reuse container as it will contain residues of original product.			
CONDITIONS FOR SAFE STORAGE	Store in a cool, dry place. Keep container closed when not in use.			
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION				
EXPOSURE GUIDELINES:				
Component	OSHA PEL	ACGIH TLV	NIOSH REL	NIOSH PEL
Potassium Carbonate	5mg/m3			2mg/m3
Sodium Carbonate	15mg/m3			10mg/m3
ENGINEERING CONTROLS	Use mechanical or natural ventilation.			
PERSONAL PRETECTIVE EQUIPMENT	Wear impervious clothing or apron.			
EYE/FACE PROTECTION	Chemical splash goggles in compliance with OSHA regulations.			
SKIN PROTECTION	Wear rubber gloves to prevent repeated or prolonged exposure to skin.			
RESPIRATORY PROTECTION	Not required for normal uses, do not use in a confined space			
GENERAL HYGIENE	Use good personal hygiene.			
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES				
APPEARANCE, COLOR	light orange	ODOR	light orange aroma	
PHYSICAL STATE	liquid	ODOR THRESHOLD	unknown	
VAPOR PRESSURE	unknown	VAPOR DENSITY	unknown	
BOILING POINT	>212 Degrees F	MELTING POINT	unknown	
FLASH POINT	None	pH	11.5 - 12.5	
FLAMMABILITY LIMITS	not flammable	EVAPORATION RATE	equal to water	
DECOMPOSITION TEMPERATURE	unknown	SPEC. GRAVITY / RELATIVE DENSITY	1.02 +/- .02	
AUTOIGNITION TEMPERATURE	None	PARTITION COEFFICIENT -n-OCTANOL/WATER	unknown	
FLAMMABILITY (solid/gas)	not flammable	SOLUBILITY -WATER	100%	
		VISCOSITY	equal to water	
SECTION 10: STABILITY AND REACTIVITY				
REACTIVITY	Not reactive under normal temperatures and pressures. Will react with acids to neutralize.			
CHEMICAL STABILITY	Stable at normal temperatures and pressures. Will react with acids to neutralize			
POSSIBILITY OF HAZARDOUS	corrosive potassium hydroxide (KOH) is possible if in contact with lime but not likely.			
CONDITIONS TO AVOID	Extreme temperatures			
INCOMPATIBLE MATERIALS	Lime see note above.			

HAZARDOUS DECOMPOSITION PRODUCTS	Will not occur
SECTION 11: TOXICOLOGICAL INFORMATION	
POTENTIAL HEALTH EFFECTS	
Likely Routes of Exposure	skin contact, inhalation
EYE	Eye contact may cause severe irritation and redness to the eye lids, conjunctiva. Untreated, prolonged eye contact can cause permanent & severe eye damage.
SKIN	Prolonged exposure to skin may cause redness and irritation.
INGESTION	Ingestion of this material may cause oral, esophageal redness and irritation. Ingesting large amounts may cause ulceration and vomiting.
INHALATION	Inhalation of this material may cause upper airway irritation, cough, redness of mouth and upper airways.
CHRONIC EFFECTS	Prolonged exposure may result in contact dermatitis.
CARCINOGENICITY	No component of this product present at levels greater than or equal to .1% is identified as a known carcinogen or potential carcinogen by OSHA
NTP	No component of this product present at levels greater than or equal to .1% is identified as a known or anticipated carcinogen by NTP.
IARC	No component of this product present at levels greater than or equal to .1% is identified as a known carcinogen or potential carcinogen by IARC.
NUMERICAL MEASURES OF TOXICITY	No Data available.
CORROSIVENESS, SENSITIZATION, IRRITANCY	No Data available.
REPRODUCTIVE TOXICITY	No Data available.
TERATOGENICITY MUTAGENICITY	No Data available.
SECTION 12: ECOLOGICAL INFORMATION	
ECOTOXICITY:	Do not empty into drains.
PERSISTANCE & DEGRADABILITY	No Data available.
BIOACCUMULATIVE POTENTIAL	No Data available.
MOBILITY IN SOIL	No Data available.
OTHER ADVERSE EFFECTS	none known
SECTION 13: DISPOSAL CONSIDERATIONS	
WASTE DISPOSAL	Dispose of in accordance with all local, state and federal regulations.
PACKAGING DISPOSAL	Dispose of in accordance with all local, state and federal regulations.
SECTION 14: TRANSPORT INFORMATION	
BASIC SHIPPING INFORMATION	DOT information - 49 CFR 172.101; DOT description Compounds, cleaning liquid in boxes, barrels, kits, pails or packages - item 48580 sub 3 class 55.
ADDITIONAL INFORMATION	N/A

SECTION 15: REGULATORY INFORMATION	
U.S. FEDERAL:	
TSCA	The intentional ingredients of this product are listed.
CERCLA	40 CFR 355 appendix A - None
SARA TITLE III	40 CFR 355 appendix A - None
California Proposition 65:	None
INTERNATIONAL:	
WHMIS Classification	Class D2B
WHMIS Ingredient Disclosure list	Potassium Carbonate, Sodium Carbonate
SECTION 16: OTHER INFORMATION	
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">NFPA</p>  </div> <div style="border: 1px solid black; padding: 5px;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">HMIS</p> <ul style="list-style-type: none"> 2 Health 0 Flammability 0 Reactivity 0 Protective Equipment </div> </div>
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