

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION		
<b>PRODUCT IDENTIFIER</b>	Heavy Duty Battery Wipes	
<b>MATERIAL USE</b>	neutralizing cleaner wipes	
<b>RESTRICTION ON USE</b>	industrial use only	
<b>MANUFACTURER</b>	Weldex Sales	
<b>TELEPHONE #</b>	540-586-9648 Monday to Friday 8:00 AM to 5:00 PM	
<b>EMERGENCY PHONE #</b>	Chemtrec 800-262-8200	
<b>SDS PREPARATION DATE</b>	5/28/2018	
SECTION 2: HAZARDS IDENTIFICATION		
<b>OSHA GHS HAZARD CLASSIFICATION</b>	Category 2 eye irritant	
<b>HAZARDS NOT OTHERWISE CLASSIFIED</b>	none known	
<b>LABELELEMENTS</b>		
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		
<b>EYE</b>	Remove contact lenses at once. Flush eye with water or eye rinse solution. Consult physician if irritation persists. May cause transient corneal injury.	
<b>SKIN</b>	Wash with soap and water, rinse well. Consult physician if irritation persists	
<b>INGESTION</b>	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.	
<b>INHALATION</b>	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	
<b>Most important symptoms/effects, acute &amp; delayed</b>	Possible transient corneal injury	
<b>Indication of immediate medical attention &amp; special treatment, if necessary</b>	Possible transient corneal injury	
SECTION 5: FIRE FIGHTING MEASURES		
<b>EXTINGUISHING MEDIA</b>	Dry chemical media is best to prevent splashing of liquid.	
<b>SPECIFIC HAZARDS ARISING FOR THE CHEMICAL</b>	none known	
<b>SPECIAL PROTECTIVE EQUIPMENT &amp; PRECAUTIONS FOR FIRE-FIGHTERS</b>	Wear protective clothing use normal fire fighting precautions.	
SECTION 6: ACCIDENTAL RELEASE MEASURES		
<b>PERSONAL PRECAUTIONS</b>	Use regular use PPE for product to clean up spills.	
<b>ENVIRONMENTAL PRECAUTIONS</b>	none known	

<b>METHODS &amp; MATERIALS FOR CONTAINMENT &amp; CLEANING UP</b>	Absorb with an inert material and scoop up for proper disposal.
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## SECTION 7: HANDLING &amp; STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING</b>	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.
<b>CONDITIONS FOR SAFE STORAGE</b>	Store in a cool, dry place. Keep container closed when not in use.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>EXPOSURE GUIDELINES:</b>				
Component	OSHA PEL	ACGIH TLV	NIOSH REL	NIOSH PEL
Potassium Carbonate	5mg/m3			2mg/m3
Sodium Carbonate	15mg/m3			10mg/m3
<b>ENGINEERING CONTROLS</b>	Use mechanical or natural ventilation.			
<b>PERSONAL PRETECTIVE EQUIPMENT</b>	Wear impervious clothing or apron.			
<b>EYE/FACE PROTECTION</b>	Chemical splash goggles in compliance with OSHA regulations.			
<b>SKIN PROTECTION</b>	Wear rubber gloves to prevent repeated or prolonged exposure to skin.			
<b>RESPIRATORY PROTECTION</b>	Not required for normal uses, do not use in a confined space			
<b>GENERAL HYGIENE</b>	Use good personal hygiene.			

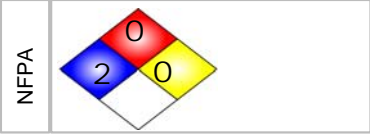
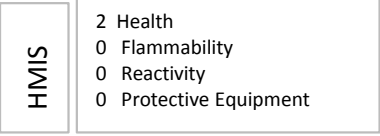
## SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES

<b>APPEARANCE, COLOR</b>	light orange	<b>ODOR</b>	light orange aroma
<b>PHYSICAL STATE</b>	liquid	<b>ODOR THRESHOLD</b>	unknown
<b>VAPOR PRESSURE</b>	unknown	<b>VAPOR DENSITY</b>	unknown
<b>BOILING POINT</b>	>212 Degrees F	<b>MELTING POINT</b>	unknown
<b>FLASH POINT</b>	None	<b>pH</b>	11.5 - 12.5
<b>FLAMMABILITY LIMITS</b>	not flammable	<b>EVAPORATION RATE</b>	equal to water
<b>DECOMPOSITION TEMPERATURE</b>	unknown	<b>SPEC. GRAVITY / RELATIVE DENSITY</b>	1.02 +/- .02
<b>AUTOIGNITION TEMPERATURE</b>	None	<b>PARTITION COEFFICIENT -n-OCTANOL/WATER</b>	unknown
<b>FLAMMABILITY (solid/gas)</b>	not flammable	<b>SOLUBILITY -WATER</b>	100%
		<b>VISCOSITY</b>	equal to water

## SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY</b>	Not reactive under normal temperatures and pressures. Will react with acids to neutralize.
<b>CHEMICAL STABILITY</b>	Stable at normal temperatures and pressures. Will react with acids to neutralize
<b>POSSIBILITY OF HAZARDOUS</b>	corrosive potassium hydroxide (KOH) is possible if in contact with lime but not likely.
<b>CONDITIONS TO AVOID</b>	Extreme temperatures
<b>INCOMPATIBLE MATERIALS</b>	Lime see note above.

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

<b>BASIC SHIPPING INFORMATION</b>	DOT information - 49 CFR 172.101; DOT description Compounds, cleaning liquid in boxes, barrels, kits, pails or packages - item 48580 sub 3 class 55.	
<b>ADDITIONAL INFORMATION</b>	N/A	
<b>SECTION 15: REGULATORY INFORMATION</b>		
<b>U.S. FEDERAL:</b>		
<b>TSCA</b>	The intentional ingredients of this product are listed.	
<b>CERCLA</b>	40 CFR 355 appendix A - None	
<b>SARA TITLE III</b>	40 CFR 355 appendix A - None	
<b>California Proposition 65:</b>	None	
<b>INTERNATIONAL:</b>		
<b>WHMIS Classification</b>	Class D2B	
<b>WHMIS Ingredient Disclosure list</b>	Potassium Carbonate, Sodium Carbonate	
<b>SECTION 16: OTHER INFORMATION</b>		
		
<b>ORIGINAL ISSUE DATE</b>	5/28/2015	
<b>REVISION DATE</b>	N/A first version	
<b>REVISION NO.</b>	N/A first version	

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