

FOR ANY EMERGENCY, 24 HOURS / 7 DAYS, CALL:

FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTREC®:

FOR ALL SDS QUESTIONS & REQUESTS, CALL:

1-800-654-6911 (OUTSIDE USA: 1-423-780-2970) 1-800-424-9300 (OUTSIDE USA: 1-703-527-3887) 1-800-511-MSDS (OUTSIDE USA: 1-423-780-2347)

PRODUCT NAME: **Pulsar Power Shock Granular** EPA Registration Number: 1258-1173

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Arch Chemicals, Inc. 1200 Bluegrass Lakes Parkway Alpharetta, GA 30004 REVISION DATE: SUPERCEDES: 02/11/2016 05/26/2015

MSDS Number: SYNONYMS: CHEMICAL FAMILY: DESCRIPTION / USE FORMULA:

00000022339 none Hypochlorite Sanitizer and Oxidizer Not Applicable/Mixture

SECTION 2. HAZARDS IDENTIFICATION

GHS	Classification
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Oxidizing solids	:	Category 2
Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 2
Skin corrosion	:	Category 1B
Serious eye damage	:	Category 1
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)
GHS label elements		
Hazard pictograms	:	
Signal word	:	Danger
Dulaar Dawar Chaels Cremular		

ÁRCH.	Arch Chemicals, Inc.	SAFETY DATA SHEET
Hazard statements	: H272 May intensify fire; oxidiz H302 Harmful if swallowed. H314 Causes severe skin bur H318 Causes serious eye dar H330 Fatal if inhaled. H335 May cause respiratory i	rns and eye damage. mage.
Precautionary statements	 P221 Take any precaution to P260 Do not breathe dust/ fur P264 Wash skin thoroughly a P270 Do not eat, drink or smot P271 Use only outdoors or in P280 Wear protective gloves/ face protection. P284 Wear respiratory protect Response: P301 + P312 + P330 IF SWA CENTER/doctor if you feel un P301 + P330 + P331 IF SWA induce vomiting. P303 + P361 + P353 IF ON S all contaminated clothing. Rin P304 + P340 + P310 IF INHA and keep comfortable for breat CENTER/doctor. P305 + P351 + P338 + P310 water for several minutes. Re easy to do. Continue rinsing. CENTER/doctor. P312 Call a POISON CENTE P363 Wash contaminated clo P370 + P378 In case of fire: L alcohol-resistant foam to extir Storage: 	oke when using this product. a well-ventilated area. ' protective clothing/ eye protection/ ttion. LLOWED: Call a POISON well. Rinse mouth. LLOWED: Rinse mouth. Do NOT SKIN (or hair): Take off immediately se skin with water/shower. LED: Remove person to fresh air athing. Immediately call a POISON IF IN EYES: Rinse cautiously with move contact lenses, if present and Immediately call a POISON R/doctor if you feel unwell. thing before reuse. Jse dry sand, dry chemical or nguish.
Other hazards None known.		



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS OR CHEMICAL NAME CALCIUM HYPOCHLORITE	<u>CAS #</u> 7778-54-3	<u>% RANGE</u> 65 - 90
SODIUM CHLORIDE	7647-14-5	0-3
CALCIUM CHLORATE	10137-74-3	0-5
CALCIUM CHLORIDE	10043-52-4	0-5
CALCIUM HYDROXIDE	1305-62-0	0-5
CALCIUM CARBONATE	471-34-1	0 - 4
Water	7732-18-5	9-16

SECTION 4. FIRST AID MEASURES

General Advice:	Call a poison control center or doctor for treatment advice. For 24-hour emergency medical assistance, call Arch Chemical Emergency Action Network at 1-800-654-6911. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
Inhalation:	IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
Skin Contact:	Call a poison control center or doctor for further treatment advice. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Eye Contact:	IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Ingestion:	IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Notes to Physician:	Probable mucosal damage may contraindicate the use of gastric lavage.



SECTION 5. FIREFIGHTING MEASURES

Flammability Summary (OSHA):	This product is chemically reactive with many substances. Any contamination of the product with other substances by spill or otherwise may result in a chemical reaction and fire., This product is a strong oxidizer which is capable of intensifying a fire once started., Product is not known to be flammable, combustible or pyrophoric.
Flammable Properties	
Flash Point:	Not applicable
Autoignition Temperature:	Not applicable
Extinguishing Media:	Water only. Do not use dry extinguishers containing ammonium compounds.
Fire Fighting Instructions:	Use water to cool containers exposed to fire. See Section 6 for protective equipment for fire fighting.
Upper Flammable / Explosive Limit, % in air:	Not applicable
Lower Flammable / Explosive Limit, % in air:	Not applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Protection for Emergency Situations:	Response to a large quantity spill (100 pounds or greater) or when dusting or decomposition gas exposure could occur requires the use of a positive pressure full face supplied air repirator or self contained breathing apparatus (SCBA), chemical resistant gloves, coveralls and boots. In case of fire, this personal protective equipment should be used in addition to normal fire fighter equipment.
Spill Mitigation Procedures	
Air Release:	Vapors may be suppressed by the use of water fog. All water utilized to assist in fume suppression, decontamination or fire suppression may be contaminated and must be contained before disposal and/or treatment.
Water Release:	This product is heavier than water. This material is soluble in water. Monitor all exit water for available chlorine and pH. Advise local authorities of any contaminated water release.

ÁRCH.	Arch Chemicals, Inc.	SAFETY DATA SHEET
Land Release: Additional Spill Information :	combustible material present, res case of a spill, separate all spilled and other material. Using a clean product into plastic bags, and plac disposal container, properly mark containers made of plastic or met disposal containers tightly. Immed disposal containers to an isolated packaging material in a disposal of decontamination (i.e. removal of a all undamaged packaging in a clea and labeled. Call for disposal proo Hazardous concentrations in air n immediately downwind. Remove a of spill as soon as possible and n Dispose of spill residues per guide Consideration. This material may	taminated. Contaminated product hat may spontaneously ignite any ulting in a fire of great intensity. In a product from packaging, debris broom or shovel, place all spilled ce those bags into a clean, dry ed and labeled. Disposal al are recommended. Do not seal diately remove all product in a rea outdoors. Place all damaged container of water to assure all product) before disposal. Place ean, dry container properly marked cedures. nay be found in local spill area and all sources of ignition. Stop source otify appropriate personnel. elines under Section 13, Disposal be neutralized for disposal; you emicals at 1-800-654-6911 before OR ALL TRANSPORTATION :: 1-800-424-9300 REPORTABLE

SECTION 7. HANDLING AND STORAGE

Handling:	Avoid inhalation of dust and fumes. Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash off with water. Remove contaminated clothing and wash before reuse.
Storage:	Keep product tightly sealed in original containers. Store product in a cool, dry, well-ventilated area. Store away from combustible or flammable products. Keep product packaging clean and free of all contamination, including, e.g. other pool treatment products, acids, organic materials, nitrogen-containing compounds, dry powder fire extinguishers (containing mono-ammonium phosphate), oxidizers, all corrosive liquids, flammable or combustible materials, etc.
Shelf Life Limitations:	Do not store product where the average daily temperature exceeds 95° F. Storage above this temperature may result in rapid decomposition, evolution of chlorine gas and heat sufficient to ignite combustible products. Shelf life (that is, the period of time before the product goes below stated label strength) is determined by storage time and temperatures. Store in a cool, dry and well ventilated area. Prolonged storage at elevated temperatures will significantly shorten the shelf life. Storage in a climate controlled storage area or building is recommended in those areas where extremes of high temperature occur. Average daily temperature of 35° C / 95° F. Storage above this temperature may result in rapid decomposition, evolution of chlorine gas and heat sufficient to ignite combustible products.



Incompatible Materials for Storage:	Do not allow product to come in contact with other materials, including e.g. other pool treatment products, acids, organic materials, nitrogen-containing compounds, dry powder fire extinguishers (containing mono-ammonium phosphate), oxidizers, all corrosive liquids, flammable or combustible materials, etc. A chemical reaction with such substances can cause a fire of great intensity.
Do Not Store At temperatures Above:	Average daily temperature of 35° C / 95° F. Storage above this temperature may result in rapid decomposition, evolution of chlorine gas and heat sufficient to ignite combustible products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation:	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to keep airborne exposures below the
	when handling of doing the product to keep and only expedited below the
	TLV, PEL or other recommended exposure limit.
Protective Equipment for Routine Use of Product	

Respiratory Protection :	Wear a NIOSH approved respirator if levels above the exposure limits are possible.
Respirator Type :	A NIOSH approved full-face air purifying respirator equipped with combination chlorine/P100 cartridges. Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres or if exposure concentrations exceed ten (10) times the published limit.
Skin Protection :	Wear impervious gloves to avoid skin contact. A full impervious suit is recommended if exposure is possible to a large portion of the body.
Eye Protection:	Use chemical goggles.
Protective Clothing Type:	Neoprene, Nitrile, Natural rubber (This includes: gloves, boots, apron, protective suit)
General Protective Measures:	An eye wash and safety shower should be provided in the immediate work area.

Components with workplace control parameters

Components (CAS-No.)	Value	Control parameters	Basis (Update)
CALCIUM HYPOCHLORITE (7778-54-3)	TWA	1 mg/m3	ARCH OEL*
CALCIUM HYPOCHLORITE (7778-54-3)	Conc	37 - 48 mg/m3	NIOSH/GUIDE IDLH
CALCIUM HYDROXIDE (1305-62-0)	TWA	5 mg/m3	ACGIH (02 2014)

ARCH OEL: Arch Recommended Occupational Exposure Guideline.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	solid
Form	free flowing, granular
Color:	white
Odor:	Chlorine-like
Molecular Weight:	143 g/mol
Relative density	Not applicable
pH : Boiling Point:	10.5 - 11.5 () (1% solution in neutral, distilled water), (@ 25 Deg. C) Not applicable
Freezing Point:	Not applicable
Density	0.8 g/cm3
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Viscosity:	no data available
Fat Solubility:	Approximately 18%, (@ 25 Deg. C), Product also contains calcium
Solubility in Water:	hydroxide and calcium carbonate which will leave a residue.
Partition coefficient n- octanol/water: Evaporation Rate: Oxidizing: Volatiles, % by vol.: VOC Content HAP Content	no data available Not applicable Oxidizing Not applicable Not applicable Not applicable

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity Summary:	Product is not sensitive to mechanical shock or impact. Product is not sensitive to electrical static discharge. Product will not undergo hazardous polymerization. Product is an NFPA Class 3 oxidizer which can cause a severe increase in fire intensity. Not pyrophoric. Not an organic peroxide. If subjected to excessive temperatures, the product may undergo rapid decomposition, evolution of chlorine gas, and heat sufficient to ignite combustible substances. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Use copious amounts of water for fires involving this product. NFPA Oxidizer Class: Meets the criteria of an NFPA Class 3 Oxidizer
Reactive Properties:	Product is not sensitive to mechanical shock or impact. Product is not sensitive to electrical static discharge. Not pyrophoric. Not an organic peroxide.
Conditions to Avoid:	Do not store next to heat source, in direct sunlight, or elevated storage temperature. Do not store where the daily average temperature exceeds 95 °F. Prevent ingress of humidity and moisture into container or package. Always close the lid.



Chemical Incompatibility:	This product is chemically reactive with many substances, including, e.g., other pool treatment products, acids, organics, nitrogen-containing compounds, dry powder fire extinguishers (containing mono-ammonium phosphate), oxidizers, corrosive ,flammable or combustible materials. Do not allow product to contact any foreign matter, including other water treatment products. Contamination or improper use may cause a fire of great intensity, explosion or the release of toxic gases. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter.
Hazardous Decomposition Products:	Chlorine
Decomposition Temperature:	170 - 180 °C - ,338 - 356 °F-

SECTION 11. TOXICOLOGICAL INFORMATION

Component Animal Toxic Oral LD50 value:	cology	
CALCIUM HYPOCHLORITE	LD50 (65% calcium hypochlorite) 850 mg/kg Rat	
SODIUM CHLORIDE	LD50 = 3,000 mg/kg Rat	
CALCIUM CHLORIDE	LD50 = 1,000 mg/kg Rat	
CALCIUM HYDROXIDE	LD50 = 7,340 mg/kg Rat	
Component Animal Toxic Dermal LD50 value:	cology	
CALCIUM HYPOCHLORITE	LD50 (65% calcium hypochlorite) > 2,000 mg/kg Rabbit	
SODIUM CHLORIDE	LD50 > 10,000 mg/kg Rabbit	
CALCIUM CHLORIDE	LD50 = 2,630 mg/kg Rat	
CALCIUM HYDROXIDE	no data available	
Component Animal Toxic	cology	
Inhalation LC50 value: CALCIUM	Inhalation LC50 1 h (65% calcium hypochlorite), (Nose Only) = 2.0	04 mg/l
HYPOCHLORITE	Rat	/+ mg/i
	Intelation I CEO 4 h (CEO) coloium hypopharita) (Nace Only)	-1 m a /l
	Inhalation LC50 4 h (65% calcium hypochlorite), (Nose Only) = 0.8 Rat	51 mg/l
SODIUM CHLORIDE	Inhalation LC50 1 h > 42 mg/l Rat	
CALCIUM CHLORIDE	no data available	
CALCIUM HYDROXIDE	no data available	



Product Animal Toxicity Oral LD50 value: Dermal LD50 value: Inhalation LC50 value:	LD50 Believed to be approximately 700 mg/kg Rat LD50 Believed to be > 2,000 mg/kg Rabbit LC50 1.00 h (Nose Only) Believed to be approximately 1.7 mg/l Rat LC50 4 h (Nose Only) Believed to be approximately 0.425 mg/l Rat LC50 4 h Believed to be approximately 0.425 mg/l Rat LC50 1 h Believed to be approximately 1.7 mg/l Rat
Skin Irritation: Eye Irritation:	DRY MATERIAL CAUSES MODERATE SKIN IRRITATION., WET MATERIAL CAUSES SKIN BURNS. Corrosive to eyes.
Skin Sensitization:	This material is not known or reported to be a skin or respiratory sensitizer.
Acute Toxicity: Subchronic / Chronic Toxicity:	This product is corrosive to all tissues contacted and upon inhalation, may cause irritation to mucous membranes and respiratory tract. The dry material is irritating to the skin. However when wet, it will produce burns to the skin. This product is corrosive to all tissues contacted and upon inhalation, may cause irritation to mucous membranes and respiratory tract. The dry material is irritating to the skin. However when wet, it will produce burns to the skin. There are no known or reported effects from repeated exposure except those secondary to burns.
Reproductive and Developmental Toxicity	Calcium hypochlorite has been tested for teratogenicity in laboratory animals. Results of this study have shown that calcium hypochlorite is not a teratogen.
CALCIUM CH	ILORIDE Not known or reported to cause reproductive or developmental toxicity.
Mutagenicity:	Calcium hypochlorite has been tested in the Dominant lethal assay in male mice, and it did not induce a dominant lethal response. Calcium hypochlorite has been reported to produce mutagenic activity in two in vitro assays. It has, however, been shown to lack the capability to produce mutations in animals based on results from the micronucleus assay. In vitro assays frequently are inappropriate to judge the mutagenic potential of bactericidal chemicals due to a high degree of cellular toxicity. The concentration which produces mutations in these in vitro assays is significantly greater than the concentrations used for disinfection. Based on high cellular toxicity in in vitro assays and the lack of mutagenicity in animals, the risk of genetic damage to humans is judged not significant.
CALCIUM CH	ILORIDE This product was determined to be non-mutagenic in the Ames assay. It was also shown to be non- clastogenic in the chromosomal aberration test.
Carcinogenicity:	This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA. One hundred mice were exposed dermally 3 times a week for 18 months to a solution of calcium hypochlorite. Histopathological examination failed to show an increased incidence of tumors. IARC (International Agency for Research on Cancer) reviewed studies conducted with several hypochlorite salts. IARC has classified hypochlorite salts as having inadequate evidence for



carcinogenicity to humans and animals. IARC therefore considers hypochlorite salts to be not classifiable as to their carcinogenicity to humans (Group 3 Substance).

CALCIUM CHLORIDE

This chemical is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP, or EPA.

SECTION 12. ECOLOGICAL INFORMATION

Overview:

Highly toxic to fish and other aquatic organisms.

Ecological Toxicity Values for: CALCIUM HYPOCHLORITE

Bluegill	-	(nominal, static). 96 h LC50 0.088 mg/l
Rainbow trout (Salmo gairdneri),	-	(nominal, static). 96 h LC50 0.16 mg/l
Daphnia magna,	-	(nominal, static). 48 h LC50 0.11 mg/l
Bobwhite quail	-	Dietary LC50 > 5,000 ppm
Mallard ducklings	-	Dietary LC50 > 5,000 ppm
Bobwhite quail	-	Oral LD50 3,474 mg/kg

Ecological Toxicity Values for: CALCIUM CHLORIDE

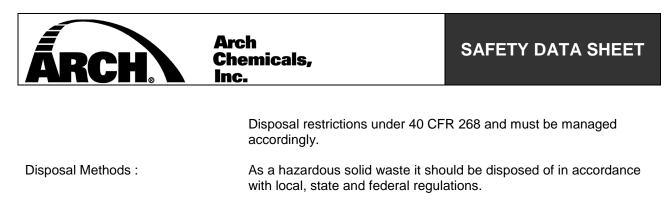
Bluegill Mosquito fish Pimephales promelas (fathead minnow)	-	(nominal, static). 96 h LC50 = 10,650 mg/l (nominal, static). 96 h LC50 = 13,400 mg/l (nominal, static). 96 h LC50 = 4,630 mg/l
Daphnia magna, Ceriodaphnia dubia Nitzschia linearis (diatom)	-	(nominal, static). 48 h LC50= 2,770 mg/l (nominal, static). 48 h LC50= 1,830 mg/l (nominal, static). 5 day LC50 = 3,130 mg/l

SECTION 13. DISPOSAL CONSIDERATIONS

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THE MATERIAL. THE USER OF THE MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

Waste Disposal Summary :

If this product becomes a waste, it meets the criteria of a hazardous waste as defined under 40 CFR 261 and would have the following EPA hazardous waste number: D001.If this product becomes a waste, it will be a hazardous waste which is subject to the Land



Potential US EPA Waste Codes : D001

SECTION 14. TRANSPORT INFORMATION

DOT UN number Description of the goods Class Packing group Labels Emergency Response Guidebook Number	 2880 Calcium hypochlorite, hydrated mixtures 5.1 II 5.1 140
TDG UN number Description of the goods Class Packing group Labels	: 2880 : CALCIUM HYPOCHLORITE, HYDRATED MIXTURE : 5.1 : II : 5.1
IATA UN number Description of the goods Class Packing group Labels Packing instruction (cargo aircraft) Packing instruction (passenger aircraft) Packing instruction (passenger aircraft)	 2880 Calcium hypochlorite, hydrated mixture 5.1 II 5.1 562 558 Y544
IMDG-CODE UN number Description of the goods Class Packing group Labels EmS Number 1 EmS Number 2 Marine pollutant	 2880 CALCIUM HYPOCHLORITE, HYDRATED MIXTURE 5.1 II 5.1 F-H S-Q yes
Isar Power Shock Granular	



SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

Signal word: DANGER!Hazard statements: Causes substantial but temporary eye injury.
Corrosive. Causes skin burns.
Corrosive. Causes irreversible eye damage.
This pesticide is toxic to fish.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Calcium hypochlorite	7778-54-3	10	11

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

	Calcium hypochlorite Calcium chlorate Calcium dihydroxide Calcium carbonate	7778-54-3 10137-74-3 1305-62-0 471-34-1
Pennsylvania Right To Know		
	Calcium hypochlorite	7778-54-3
	Calcium chlorate	10137-74-3
	Calcium chloride	10043-52-4
	Calcium dihydroxide	1305-62-0
	Calcium carbonate	471-34-1
	Sodium chloride	7647-14-5



New Jersey Right To Know

Calcium	hypochlorite
Calcium	chlorate
Calcium	chloride
Calcium	dihydroxide
Calcium	carbonate

7778-54-3 10137-74-3 10043-52-4 1305-62-0 471-34-1

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA	: This is an EPA registered pesticide.
TSCA	: This is an EPA registered pesticide.

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIOC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

SECTIONS REVISED: Major References : 1 Available upon request.

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. ARCH CHEMICALS BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION BUT, MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MSDS IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT ARCH CHEMICALS MSDS CONTROL AT THE PHONE NUMBER ON THE FRONT PAGE TO MAKE CERTAIN THAT THIS DOCUMENT IS CURRENT.