



CEASEFIRE™ AC3
FIRE PROTECTIVE ADDITIVE
Material Safety Data Sheet

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME:	CeaseFire AC3	CAS NUMBER:	Registered Trade Secret
PRODUCT CODE:	AC3	COMPANY NAME:	COTE-L Industries, Inc.
PRODUCT CLASS:	Flame retardant powder additive	EMERGENCY TEL:	973-465-0077
		DATE PREPARED:	20 January 2010
		NAME OF PREPARER:	Philip Rhodes

SECTION II - HAZARDS IDENTIFICATION

HAZARD DESCRIPTION:	Not applicable.
INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:	The product does not have to be labeled due to the calculation procedure of the "General Classification Guidelines" in the latest valid version.
GHS LABEL ELEMENTS:	Void.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS
CHEMICAL CHARACTERIZATION

IDENTIFICATION NUMBER(S)	
EINECS NUMBER:	239-914-9
CAS NUMBER:	14852-17-6
CHEMICAL CHARACTERIZATION DESCRIPTION:	Activated Ethylenediamine Phosphate
DANGEROUS COMPONENTS:	Void
ADDITIONAL INFORMATION:	For wording of listed risk phrases refer to sect.16.

SECTION IV - FIRST AID MEASURES

GENERAL INFORMATION:	No special measures required.
AFTER INHALATION:	Supply fresh air; consult doctor in case of complaints.
AFTER SKIN CONTACT:	Generally the product does not irritate the skin.
AFTER EYE CONTACT:	Rinse open eye for several minutes under running water. Consult doctor.
AFTER SWALLOWING:	If symptoms persist, consult a doctor.

SECTION V - FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
PROTECTIVE EQUIPMENT:	No special measures required.

SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSON-RELATED SAFETY PRECAUTIONS:	Not required.
MEASURES FOR ENVIRONMENTAL PROTECTION:	Do not allow to enter sewers/surface or ground water.
MEASURES FOR CLEANING/COLLECTING:	Pick up mechanically.
ADDITIONAL INFORMATION:	No dangerous substances are released.



SECTION VII - HANDLING AND STORAGE

HANDLING:

INFORMATION FOR SAFE HANDLING: No special measures required.

INFORMATION ABOUT FIRE AND EXPLOSION PROTECTION: No special measures required.

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES: No special requirements.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY: Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS: Store in cool, dry conditions, in well-sealed receptacles.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Filter P1

Protection of hands: Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

FORM:	Powder
COLOUR:	White
ODOUR:	Odourless
CHANGE IN CONDITION:	
MELTING POINT / MELTING RANGE:	Undetermined
BOILING POINT / BOILING RANGE:	Undetermined
FLASH POINT:	Not applicable.
IGNITION TEMPERATURE:	
DECOMPOSITION TEMPERATURE:	215 ^o C
SELF-IGNITING:	Product is not self-igniting
DANGER OF EXPLOSION:	Product doesn't present an explosion hazard.
DENSITY:	Not determined.
BULK DENSITY AT 20^oC:	800 g/l
SOLUBILITY IN/MISCIBILITY WITH WATER AT 20^oC:	<0.5 g/100ml
PH VALUE (100 g/l) at 20^oC:	7
SOLVENT CONTENT/ORGANIC SOLVENTS:	0.0%



SECTION X - STABILITY AND REACTIVITY

THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED:	> 215°C may produce carbon monoxide, ammonia, oxides of nitrogen, oxides of phosphorus
DANGEROUS REACTIONS:	No dangerous reactions known.
DANGEROUS DECOMPOSITION PRODUCTS:	No dangerous decomposition products known.

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	
LD/LC50 VALUES RELEVANT FOR CLASSIFICATION:	Oral LD50 >2000 mg/kg (rat)
PRIMARY IRRITANT EFFECT:	
ON THE SKIN:	No irritant effect.
TO THE EYES:	No irritating effect.
SENSITIZATION:	No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION XII - ECOLOGICAL INFORMATION

GENERAL NOTES: Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system. If the product comes in contact with lakes, reservoirs or rivers, the Eutrofization phenomenon could occur.

SECTION XIII - DISPOSAL CONSIDERATIONS

PRODUCT:	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
UNCLEANED PACKAGING:	Disposal must be made according to official regulations.

SECTION XIV - TRANSPORT INFORMATION

LAND TRANSPORT - ADR/RID (CROSS-BORDER):	
REMARKS:	Non-hazmat
MARINE TRANSPORT - IMDG:	
MARINE POLLUTANT:	No
REMARKS:	Non-hazmat
AIR TRANSPORT - ICAO-TI and IATA-DGR:	
REMARKS:	Non-hazmat
UN "MODEL REGULATION"	Not applicable.

SECTION XV - REGULATORY INFORMATION

LABELING ACCORDING TO EU GUIDELINES:	Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
SAFETY PHRASES:	24/25 - Avoid contact with skin and eyes. 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 37/39 - Wear suitable gloves and eye/face protection.
NATIONAL REGULATIONS:	
WATER HAZARD CLASS:	Water Hazard Class 1 (self-assessment): slightly hazardous for water



SECTION XVI - OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

DEPARTMENT ISSUING MSDS: Product Safety Department

CONTACT: Mr. Philip Rhodes

ABBREVIATIONS AND ACRONYMS:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the international transport of Dangerous by Rail
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
IATA-DGR	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
