

C-POX™ ACTIVATOR 201
MATERIAL SAFETY DATA SHEET

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SECTION 1 – CHEMICAL PRODUCT IDENTIFICATION

Product Name: **C-pox™ Activator 201** Item Number **CA201**
Product Type: Aerosol Activator

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS*

Item	Chemical Name	CAS Number	WT/WT% Less Than
01	Acetone	67-64-1	68.0%
02	N-Butane	106-97-8	14.0%
03	Propane	74-98-6	15.0%

* **C-pox™ Activator 201 Aerosol contains other chemical ingredients exempted from listing requirements under 1910.1200 of CFR 29: as this formula is proprietary, these substances are not identified on this MSDS.**

Exposure Limits

ITEM	ACGIH	TLV-STEL	OSHA		COMPANY	TLV-TWA	SKIN
	TLV-TWA		PEL-TWA	PEL-STEL	PEL-STEL		
01	750 ppm	1000 ppm	750 ppm	1000 ppm	N.E.		
02	800 ppm	NO INFO	800 ppm	NO INFO*	N.E.	NO	
03	1000 ppm	NO INFO				NO	

(See Section 16 for abbreviation legend), * - Ceiling Value

This product contains no reported carcinogens or suspected carcinogens.

SECTION 3 – HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: Harmful if inhaled. Causes skin irritation. Vapors irritating to eyes and respiratory tract. Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion. Extremely flammable aerosol. Contents under pressure.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause eye irritation.

SKIN CONTACT: May cause skin irritation.

INHALATION: Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation. Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma or death. Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.

INGESTION: Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals: Kidney damage, eye damage. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

SECTION 4 – FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

SKIN CONTACT: Wash thoroughly with soap and water and seek medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION: For inhalation overexposure move person to fresh air. If breathing stops, apply artificial respiration and seek medical attention.

INGESTION: Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: less than -25°F
(TAGLIABUE CLOSED CUP)
AUTOIGNITION TEMPERATURE: Unknown
EXTINGUISHING MEDIA: DRY CHEMICAL CO₂ FOAM

LOWER EXPLOSIVE LIMIT: 1.8%
UPPER EXPLOSIVE LIMIT: 12.8%

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Do not use or store near sources of heat, sparks or open flame. Keep away from any source of heat such as sunlight, heaters or stoves that could cause the container to burst. Do not puncture or incinerate. Do not crush or place in a garbage compactor. Do not store above 120 degrees F. Aerosol containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back.

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used. Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

CLEAN-UP AND CONTAINMENT: Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire. Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Wash hands thoroughly after handling.

STORAGE: Store in a cool dry area with ventilation suitable for storing materials shown in Section 2. Keep away from heat, sparks and flame. Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120°F.

SECTION 8 – EXPOSURE CONTROLS PERSONAL PROTECTION

ENGINEERING CONTROLS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION: If workplace exposure limits are exceeded for any component (see Section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended. (Use organic vapor type respirator.)

SKIN PROTECTION: Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

EYE PROTECTION: Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

OTHER PROTECTIVE EQUIPMENT: Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

HYGIENIC PRACTICES: Wash hands before eating or smoking. Smoke in designated areas only.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE:	-1°F to 133°F	VAPOR DENSITY:	Is heavier than air
ODOR:	Solvent Odor	ODOR THRESHOLD:	Unknown
APPEARANCE:	Opaque Liquid	EVAPORATION RATE:	Is faster than Butyl Acetate
SOLUBILITY IN H ₂ O:	Unknown	SPECIFIC GRAVITY:	0.6944
FREEZE POINT:	Unknown	pH @ 0.0%:	Unknown
VAPOR PRESSURE:	Unknown	VISCOSITY:	Unknown
PHYSICAL STATE:	Gas	COEFFICIENT OF WATER/OIL DISTRIBUTION:	Unknown
VOLATILE ORGANIC COMPOUND:		ROC (REACTIVE ORGANIC COMPOUNDS):	
VOC (CALCULATED, LB/GAL):	.000	PERCENT BY WEIGHT:	27.045
VOC (CALCULATED, CM/L):	.000		
VOC PERCENT BY WEIGHT:	25.329		"less water & exempt solvents"

(See Section 16 for abbreviation legend)

SECTION 10 – STABILITY AND REACTIVITY

CONDITIONS TO AVOID: No information.

INCOMPATIBILITY: No information.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 – TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available. See Section 3 for Health Hazards.

SECTION 12 – ECOLOGICAL INFORMATION

No information.

SECTION 13 – DISPOSAL CONSIDERATIONS

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

SECTION 14 – TRANSPORTATION INFORMATION

<u>DOT (49 CFR 172)</u>	<u>GROUND</u>	<u>AIR</u>
PROPER SHIPPING NAME:	CONSUMER COMMODITY	CONSUMER COMMODITY
HAZARD CLASS OR DIVISION:	ORM-D	ORM-D-AIR
IDENTIFICATION NUMBER:	NONE	NONE

IATA: PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE
CLASS OR DIVISION: 2.1 (Packing Group: None)
UN OR ID NUMBER: UN 1950
LABEL: FLAMMABLE GAS, (LIMITED QUANTITY)

IMO: SUBSTANCE: AEROSOLS CLASS: 2
LABEL: NONE IMDG CODE PAGE: 2102 UN NUMBER: UN 1950

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
IMMEDIATE HEALTH HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

-----CHEMICAL NAME----- CAS NUMBER WT/WT % IS LESS THAN

No SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

-----CHEMICAL NAME----- CAS NUMBER
ACETONE 67-64-1

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

-----CHEMICAL NAME----- CAS NUMBER

No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

-----CHEMICAL NAME----- CAS NUMBER

No non-hazardous ingredients are present at greater than 3%.

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product are known to the state of California to cause cancer, birth defects other reproductive harm:

-----CHEMICAL NAME----- CAS NUMBER

No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations for use of the 16 headings.

CANADIAN WHMIS CLASS: Class A, Class B, and Class D II

SECTION 16 – OTHER INFORMATION

HMIS RATINGS - HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

SECTION 17 – PREPARATION INFORMATION

Prepared by: Gowest2 International

Revised Date: December 3, 2003