

MATERIAL SAFETY DATA SHEET

MSDS No.: 5073
Effective Date: 02/04/03
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SECTION 1-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LYNN PEAVEY NINHYDRIN CRYSTALS, 25 grams

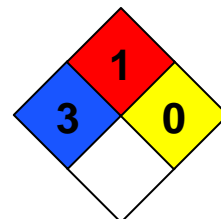
PRODUCT NO.: 05073

IN CASE OF EMERGENCY: CALL CHEMTREC
(800) 424-9300 (USA/North America)
(703) 527-3887 (outside the US – collect calls accepted)

LYNN PEAVEY COMPANY
10749 WEST 84TH TERRACE
LENEXA, KANSAS 66214-3612
913-888-0600
800-255-6499
FAX 913-495-6787

SECTION 2-COMPOSITION, INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS No.</u>	<u>PERCENT CONCENTRATION</u>
Ninhydrin Crystals	485-47-2	100



SECTION 3-HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS

CAUTION! May be harmful or cause irritation to skin, eyes and respiratory tract. Avoid breathing dust and eye/skin contact.

CHRONIC HEALTH EFFECTS

CARCINOGENIC POTENTIAL: NTP, IARC or OSHA regulates no component in this product as a carcinogen or potential carcinogen.

TARGET-ORGAN EFFECTS: Behavioral, vascular and respiratory system. This material is a rubefacient; skin contact will result in a reddening of the site with possible inflammation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing eye, skin, or respiratory disorders may be more susceptible to the effects of this substance.

NFPA RATING: Data not available.

HMIS RATING: Data not available.

SECTION 4-FIRST-AID MEASURES

PRIMARY ROUTES OF ENTRY / FIRST AID

INHALATION: Remove victim from exposure area to fresh air. Give artificial resuscitation if breathing has stopped. Give oxygen if breathing is difficult. Seek medical attention immediately.

EYE/SKIN CONTACT: Flush eyes with water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if irritation or redness develops or persists. Wash contaminated clothing before reuse.

INGESTION: Wash out mouth with water if victim is conscious. Seek medical attention immediately.

SECTION 5-FIREFIGHTING MEASURES

FLASH POINT: Data not available.

EXPLOSIVE LIMITS (LEL / UEL): Data not available.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or foam.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective equipment.

UNUSUAL FIRE AND EXPLOSIVE DATA: Emits toxic fumes under fire conditions.

SECTION 6-ACCIDENTIAL RELEASE MEASURES

Wear protective clothing and equipment as specified in Section 8. Contain spill, scoop up and place in an approved hazardous waste container.

SECTION 7-HANDLING AND STORAGE

Store in a cool dry place. Keep container tightly closed.

SECTION 8-EXPOSURE CONTROLS, PERSONAL PROTECTIVE

OSHA PEL:	Data not available.
OSHA STEL:	Data not available.
OSHA TABLE Z-2 TWA:	Data not available.
OSHA CEILING:	Data not available.
ACGIH (TLV) TWA:	Data not available.
ACGIH STEL:	Data not available.
ACGIH CEILING TWA:	Data not available.
ORAL RAT LD50:	Data not available.

EYES: Chemical safety goggles or glasses.

GLOVES: Chemical-resistant gloves.

RESPIRATORY: Wear a self-contained breathing apparatus or respirator with approved NIOSH / MSHS cartridges.

VENTILATION: Mechanical exhaust, fume hood or chamber.

OTHER: Protective clothing as required. Wash hands and face before eating and drinking.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	Data not available.
VAPOR PRESSURE (mm Hg @ 68°F):	Data not available.
VAPOR DENSITY (air=1):	Data not available.
WATER SOLUBILITY:	Data not available.
APPEARANCE AND ODOR:	White to yellow powder.
MELTING POINT:	250°C
SPECIFIC GRAVITY:	Data not available.
% VOLATILE BY VOLUME:	Data not available.
EVAPORATION RATE (ether =1):	Data not available.

SECTION 10-STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use and storage.

INCOMPATIBILITY: Strong oxidizing agents. May discolor on exposure to light.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

CONDITIONS TO AVOID: Incompatible substances.

SECTION 11-TOXICOLOGICAL INFORMATION

Toxicological data for this product has not been determined. Refer to Section 8 for exposure controls.

SECTION 12-ECOLOGICAL INFORMATION

Environmental impact for this product has not been determined.

SECTION 13-DISPOSAL INFORMATION

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Ensure compliance with all local, state, and federal regulations or contact an approved and licensed disposal agency.

SECTION 14-TRANSPORT INFORMATION

US DOT:

Proper Shipping Name: Not regulated.
Hazard Class or Division: Not applicable.
Identification Number: Not applicable.

ICAO:

Proper Shipping Name: Not regulated.
Class or Division: Not applicable.
UN or ID Number: Not applicable.

SECTION 15-REGULATORY INFORMATION

This material is subject to EPA TSCA reporting requirements.

SECTION 16-OTHER INFORMATION

This information is believed to be correct, however no warranties are made with respect to this information and the Lynn Peavey Co. assumes no liability resulting from use. Make independent determinations of the suitability and completeness of information from all sources, to assure proper use and disposal of this product and personnel safety and health. Data for each component is specified where applicable as mixtures have not been tested.