

SAFETY DATA SHEET



Colonial Chemical Solutions, Inc

SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: n-PROPYL ACETATE

Control Number: 00204

Product Description: Solvent

COMPANY IDENTIFICATION

Supplier: COLONIAL CHEMICAL SOLUTIONS, INC.

916 West Lathrop Avenue

Savannah, Georgia 31415

24 Hour Emergency Telephone: (800)-424-9300 CHEMTREC

General Information: (912) 236-1331

SECTION 2- HAZARDS IDENTIFICATION

GHS Classification:

[Health]

Eye irritation Category 2A

[Environmental]

None Listed

[Physical]

Flammable Liquid Category 2

GHS Label elements, including precautionary statements

Pictograms



Signal Word: Danger

Hazard statement(s)

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTSCHEMICAL

CHEMICAL NAME	CAS Number	%WT
n-Propyl Acetate	109-60-4	100

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with running water for several minutes. Seek medical attention if irritation persists.

Skin: Wash exposed skin with soap and water. Seek medical attention if irritation persists.

Inhalation: For excessive inhalation remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Ingestion: DO NOT induce vomiting. Rinse mouth with water. Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media: To extinguish flames use water spray, dry chemical, carbon dioxide or fire fighting foam. .

Fire Fighting Procedures: Cool exposed containers with water spray. Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and full bunker firefighter's protective clothing.

Fire and Explosion Hazards: Containers can rupture and explode under fire conditions due to pressure and vapor buildup. Heated vapors may form explosive mixture with air. Vapors may travel across the ground and reach an ignition source.

SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Eliminate sources of ignition. For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered.

For larger spills, contain spill, recover free liquid, collect with an electrically protected vacuum cleaner or by wet-brushing, and use absorbent material to dry area and then rinse area with water. Put all material into appropriate waste containers. Avoid contaminating ground and surface water.

SECTION 7 - STORAGE AND HANDLING

Handling: Wash thoroughly after handling. Remove contaminated clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Use with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Storage: Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area.

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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

Exposure Limits: Propyl Acetate 200 ppm ACGIH 200 ppm OSHA

Personal Protective Equipment (PPE):

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

Clothing: Selection of protective clothing depends on work conditions.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Other Equipment: Adequate explosion proof ventilation to control airborne concentrations below the exposure limits. Eye wash station and drenching shower in close proximity to use are advised.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 57 °F

Autoignition Temperature: 800 °F

Boiling Point: 216 °F

Melting Point: -139 °F

Vapor Pressure: 25 mmHg

Vapor Density (Air-1): 3.5

Odor/Appearance: Colorless liquid with pear odor.

Flammability Limits: Lower 2 Upper 8

Specific Gravity: 0.888

Volatile %: No available data

Evaporation Rate (BuAc=1): No available data

pH: No available data

Solubility in Water: soluble

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.

Conditions to Avoid: Heat, flames and sparks. Extremes of temperature and direct sunlight.

Materials to Avoid: Strong oxidizers.

Decomposition Products: When combusted, oxides of carbon and various hydrocarbons.

SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Eye: Causes eye irritation.

Skin: Prolonged and/or repeated contact may cause defatting of the skin and dermatitis.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Ingestion of large amounts may cause central nervous system depression.

Inhalation: Inhalation of vapor may cause respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.

Acute oral toxicity:

LD50 rat: 9,370 mg/kg

Acute inhalation toxicity:

LC50 rat: 32 mg/m³ 4h

Acute dermal toxicity:

LD50 rabbit: > 17,740 mg/kg

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SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 56 - 64 mg/l - 96 h
Bio-accumulative potential: Bioaccumulation of this product is unlikely. This product is readily biodegradable.
Mobility: No available published data.

SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 - TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: n-Propyl acetate
Hazard Class: 3
UN Number: 1276
Packaging Group: 2

SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Fire Hazard, Acute Health Hazard

SARA Section 313 (40 CFR 372) Hazard Categories: 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.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA

Clean Air Act: This product contains n-Propyl Acetate a chemical listed as Hazardous Substances under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

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SECTION 16 · OTHER INFORMATION

MSDS Revision Date: December 2014

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 2

Flammability: 3

Reactivity: 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.