



Safety Data Sheet CONKLIN COMPANY, INC.

Date Prepared: 1/20/14

SDS Number: 3047

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 4-Power Starter Fluid	General Use 4-Power Starter Fluid
Manufacturer's Name Conklin Company	Emergency Telephone Numbers Health: (888) 786-0974 Transport: (800) 424-9300
Address (Number, Street, City, State and Zip) 551 Valley Park Drive Shakopee, MN 55379	Phone Number for Additional Information (952) 445-6010 Website: www.conklin.com

SECTION 2 - HAZARDS IDENTIFICATION



Signal Word:	Danger
Hazard statements:	<p>Toxic if swallowed or inhaled.</p> <p>Aspiration hazard: May be fatal if swallowed and enters airways.</p> <p>May be absorbed through skin.</p> <p>Causes skin irritation and serious eye irritation.</p> <p>Extremely flammable aerosol.</p> <p>Contains gas under pressure; may explode if heated.</p>

Precautions: Keep away from heat, sparks, pilot lights, open flames, static electricity, or other sources of heat or ignition. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing mist, vapors and spray.
Use only outdoors or in a well ventilated area.
Do not eat, drink or smoke when using this product.
Wear gloves, safety glasses or goggles, and long-sleeved clothing when handling.
Wash hands thoroughly after handling.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If swallowed: Immediately call a physician or Poison Control Center.
Rinse Mouth.
If on skin: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Immediately take off all contaminated clothing and wash it before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Immediately call a physician or Poison Control Center.

Potential Health Effects, Based on Individual Components (May Vary Among Individuals)

Eye: Will cause eye irritation. Compressed liquid may cause freeze-burns.

Skin: INJECTION INJURY WARNING: Injection into or under the skin, or into any part of the body, of oils, greases, or other petroleum products can have serious health consequences. See Section 4 - First Aid Measures for important information.

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Ingestion: May cause moderate irritation to mouth, throat, and stomach, along with nausea and vomiting.

Inhalation: Asphyxiant. Prolonged exposure may cause nausea, dizziness, headaches at low concentrations. Aspiration into lungs may cause chemical pneumonia.

Causes damage to Cardiovascular System, Central Nervous System, Eyes, Peripheral Nervous System, Respiratory System, and Skin through prolonged or repeated exposure.

Medical conditions aggravated by exposure:

Chronic health effects are not expected if proper personal safety and hygiene is observed. Pre-existing skin disorders may be aggravated by repeated or prolonged exposure to this product.

Chronic effects: Not known to contain component(s) at 0.1% or greater listed as a carcinogen or possible carcinogen.

Prolonged or repeated exposure may cause dermatitis, a defatting and drying of skin. May aggravate existing dermatitis.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percent by Weight
Ethyl Ether	60-29-7	50% to 60%
Light Naphtha - Hydrotreated	64742-49-0	30% to 40%
Hexane	110-54-3	5% to 10%
Carbon Dioxide	124-38-9	1% to 5%

See Section 8 for exposure guidelines.

SECTION 4 - FIRST AID MEASURES

EYES: Quickly and gently blot or brush chemical off the face. Immediately flush the contaminated eye(s) with clean, lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens until after flushing is complete. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

SKIN: As quickly as possible, remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Quickly and gently, blot or brush away excess chemical. Immediately wash with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Immediately obtain medical attention. Completely decontaminate clothing, shoes, and leather goods before reuse, or discard.

INGESTION: Never give anything by mouth to a victim who is rapidly losing consciousness, is unconscious, or is convulsing. Have victim rinse mouth thoroughly with water. Do NOT induce vomiting. Have victim drink a glass of water (2 to 8 ounces or 60 to 240 mL). Immediately obtain medical attention.

INHALATION: This product is (extremely) flammable. Take proper precautions (e.g. remove any sources of ignition). Remove source of contamination or move victim to fresh air. Obtain medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -45°C

EXINGUISHING MEDIA: Foam, dry chemical, CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Aerosol containers may explode when heated. Limit use of water spray to cool containers and to protect personnel. Water may not be effective to extinguish a fire involving this material. Vapors are heavier than air and may be ignited after traveling considerable distances, causing flashback or explosion. Firefighters should use approved self-contained breathing apparatus and full turn-out (Bunker) gear when fighting fires involving chemicals, to protect against possible toxic fumes or vapors. Cool and use caution when approaching fire-exposed containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURE: Use personal protection recommended in Section 8. Remove all sources of ignition, including sparks and static electricity. Use non-sparking, explosion-proof tools and equipment. Do not vacuum. Ventilate area thoroughly. Stay upwind. Isolate area from unprotected personnel. Dike to prevent spill from spreading. Collect with compatible absorbent material and place in metal container with tight fitting cover. Floor may be slippery - use care and clean thoroughly. Keep out of sewer, septic system, ground water, and open waters. Notify federal, state and local authorities, as applicable.

SECTION 7 - HANDLING AND STORAGE

STORAGE TEMPERATURE: < 50°C (122°F)

HANDLING AND STORAGE PRECAUTIONS: Use personal protection recommended in Section 8. Do not cut, weld, drill, or otherwise expose empty or full containers to heat, sparks, pilot lights, open flames, static electricity, or other sources of heat or ignition. Open containers slowly in case of pressure accumulation. Bond and ground containers and equipment during transfer. Vapors are/may be heavier than air and may cause ignition away from storage or handling location. Use non-sparking tools. Protect from direct sunlight. Store in dry, cool, ventilated area in tightly closed containers out of the reach of children. Do not store on side. Avoid creasing or impacting container sidewalls. Empty containers may be hazardous. Do not eat, drink, or smoke in chemical use or storage areas. Wash hands after handling and before eating, drinking, or smoking. Do not rub eyes with soiled hands. See Section 10 for metals or other materials to avoid.

SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

ENGINEERING CONTROLS: Provide sufficient general and local explosion-proof exhaust ventilation to maintain safe exposure levels. Take measures to minimize exposure. Provide a source of clean water for flushing eyes and skin.

EYE PROTECTION REQUIREMENTS: Use ANSI-approved eye protection (e.g. safety glasses, goggles), as required by work conditions. Use ANSI-approved chemical splash goggles and face shield if splashing may occur.

SKIN PROTECTION REQUIREMENTS: Use chemical and liquid-resistant gloves, clothing, and boots to prevent skin contact, as required by work conditions. Launder clothing before reuse.

RESPIRATORY PROTECTION: To protect against inhalation, a NIOSH-approved air-purifying respirator with organic vapor cartridges may be permissible.

AIRBORNE EXPOSURE LIMITS

Components	OSHA PEL/TWA	ACGIH TLV/TWA	STEL
Hexane	TWA 500 ppm (1800 mg/m ³)		

Definitions:

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

TWA = Time-weighted average (8 hour day)

STEL = Short term exposure limit (15 minutes), no more than 60 min./day

(c) = Ceiling (not to be exceeded under any condition)

(s) = Skin

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Aerosol	Solubility in Water:	Not available
Color:	Clear Colorless	Specific Gravity (Water = 1):	0.69 - 0.71
Odor:	Ethereal	Evaporation Rate (Butyl Acetate = 1):	>1
Boiling Range:	35 °C	Vapor Pressure (mm Hg):	80-90
pH:	Not applicable	Vapor Density (Air = 1):	Not available

SECTION 10 – REACTIVITY

Stability:	Stable under anticipated storage and handling conditions.
Hazardous Polymerization:	Is not expected to occur.
Incompatibilities (Materials to Avoid):	Avoid open flames, sparks, heat, static discharges, all sources of combustion, and oxidizers.
Hazardous Decomposition Products:	Burning releases carbon monoxide and carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 3 for potential health effects.

SECTION 12 – ECOLOGICAL INFORMATION

Product not tested as a whole. Harmful to aquatic environments. Refer to Section 6 for information regarding accidental releases.

SECTION 13 - DISPOSAL CONSIDERATIONS

Do not burn or dispose of aerosol containers in fire. Recycle or dispose of contents and empty containers according to federal, state and local regulations. Keep out of trash, water, sewer, and drainage systems.

SECTION 14 - TRANSPORTATION INFORMATION

Proper Shipping Name: Aerosol, flammable, UN1950, 2.1
Exceptions: Consumer Commodity, (not more than 1 liter), ORM-D
For additional information, please consult Conklin's Document Library at <http://www.conklin.com/library/index.cfm> or call the Transportation Department at (952) 445-6010.

SECTION 15 - REGULATORY INFORMATION

California Proposition 65 statement: This product does NOT contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.
This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372): Hexane: 5% to 10%.
This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 312 (40 CFR Part 372): Ethyl Ether: 50% to 60%.
CERCLA RQ = 100 lbs (Ethyl Ether); CERCLA RQ = 5000 lbs (Hexane).

SECTION 16 - OTHER INFORMATION

This document replaces the 1/25/12 version. All Safety Data Sheets were updated to GHS standards.

The information contained in this Safety Data Sheet is based on data available to us from suppliers, and is believed to be true and correct; however, Conklin makes no warranty, express or implied, regarding the accuracy of this data or results obtained from the use of this product. Conklin and its employees assume no responsibility for injury or damage from the use of this product.