

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : X-LABORATORIES/FOSTER & CO., INC. DISTRIBUTOR
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02
NJ 07927
PREPARER/CONTACT: Gary Adams, Chemist
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: STARTING FLUID (Aerosol)
CHEMICAL NAME/SYNONYMS: Instant Starting Fluid
CHEMICAL FAMILY.....: Ether Spray
FORMULA.....: Mixture
PRODUCT CODE.....: 19-68

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

* * * * *
* HEALTH..... 1 *
* FLAMMABILITY.. 4 *
* REACTIVITY.... 1 *
* PROTECTION.... A *
* * * * *

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
Unrefined Diethyl Ether	60-29-7	43	400 ppm	400 ppm
N-heptane & related hydrocarbons	142-82-5	53	500 ppm	500 ppm
Carbon Dioxide propellant	124-30-9	4	10000ppm	5000 ppm

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/Common Name	CAS-Number	%	NTP	IARC	OSHA
None listed.	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-
INHALATION: Will cause drowsiness, stupor or unconsciousness on prolonged exposure. Powerful Central Nervous System depressant.
SKIN CONTACT: Repeated contact will defat skin.
INGESTION: This product is a gas and is, therefore, difficult to ingest.
CHRONIC EFFECTS: CNS DEPRESSANT.

PRIMARY ROUTES OF ENTRY-
skin, inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
N/I.

EMERGENCY FIRST AID PROCEDURES-

INHALATION: Remove from exposure; if unconscious, maintain respiration.
Call physician or emergency service unit.

SKIN: Wash area with mild soap and water. Call physician if irritation
persists.

SECTION 4 - CHEMICAL DATA

.....

BOILING POINT (F).....: 94 F	SPECIFIC GRAVITY (WATER=1).....: 0.79
VAPOR PRESSURE (mmHg): 80 psi	PERCENT VOLATILE BY VOLUME (%): 99.95
VAPOR DENSITY (AIR=1): 2.56	EVAPORATION RATE (BuAc for 80%ether =1): 14.6

SOLUBILITY IN WATER-
Appreciable.

APPEARANCE AND ODOR INFORMATION-
Nearly colorless, characteristic etheric odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): -56 F FLAMMABLE LIMITS : Lel=1.8% UEL=48 %

EXTINGUISHING MEDIA-
Water, Alcohol foam, CO2, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES-
Keep containers cool with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS-
Do not expose aerosols to temperatures above 130F or the container may
rupture explosively. EXTREMELY FLAMMBLE by CPSC Flame Extension test.

INCOMPATIBILITY (Materials To Avoid)-
Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS-
Carbon dioxide.
phosgene and chlorine formed upon combustion.

WILL HAZARDOUS POLYMERIZATION OCCUR-
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-
None known.

IS THE PRODUCT STABLE-
Unstable.

CONDITIONS TO AVOID FOR STABILITY-

Conditions favoring peroxide formations. Unstable conditions unlikely in this aerosol form.

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-

Keep heat and ignition sources away. Small amounts may be flushed with water.

WASTE DISPOSAL METHODS-

Always consult local, state and federal authorities. Large amounts may be collected for controlled incineration. Do not puncture, incinerate or try to reuse cans. Evacuate to atmospheric pressure, wrap in paper and place in industrial waste for collection.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-

LOCAL EXHAUST: None.

SPECIAL.....: N/A

MECHANICAL (General): Explosion proof

OTHER.....: N/A

RESPIRATORY PROTECTION-

Not normally needed. HSA cartridge #44135.

PROTECTIVE GLOVES-

Not normally needed.

OTHER PROTECTIVE EQUIPMENT-

Not normally needed.

OTHER ENGINEERING CONTROLS-

Do not store or use near ignition sources.

WORK PRACTICES-

Clean up with soap and water. Never allow smoking in an area where this product is being used or stored.

HYGIENIC PRACTICES-

N/I

Remove contaminated clothing and launder before reuse.

SECTION 8 - SPECIAL PRECAUTIONS
.....

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Store away from heat or all ignition sources and oxidizing materials. USE ADEQUATE VENTILATION. May form peroxide during storage. If these occur, they may be decomposed before use in some applications. REF: Dangerous Properties of Industrial Materials, 4 Ed. Sax. N.I.
KEEP OUT OF REACH OF CHILDREN!

06-03-02
CSS-14038

MATERIAL SAFETY DATA SHEET 00088
CHEM-POWER DIV/FOSTER & CO

PAGE 4

Keep dry.

MAINTENANCE PRECAUTIONS-
N/I

OTHER PRECAUTIONS-
None.

ADDITIONAL COMMENTS-

Shipping Name: Engine Starting Fluid. (Diethyl Ether) UN-1960.

Hazard class 3, Packing Group 11, FLAMMABLE GAS label required.

FOR TRANSPORTATION EMERGENCY ONLY, CALL INFOTRAC 1-800-535-5053. 24 HR/7 DAYS

AIR TRANSPORT IS PROHIBITED.