

CHEMTRONICS INC -- ES1020, ULTRAJET & ULTRAJET ALL-WAY (FORMERLY ULTRAJET 2000) --
6850-01-412-0040

===== Product Identification =====

Product ID:ES1020, ULTRAJET & ULTRAJET ALL-WAY (FORMERLY ULTRAJET 2000)

MSDS Date:10/01/2000

FSC:6850

NIIN:01-412-0040

Status Code:A

MSDS Number: CLQQW

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

City:KENNESAW

State:GA

ZIP

:30152

Country:US

Info Phone Num:800-TECH-401/800-645-5244

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:MSDS #0511

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:21267

=== Contractor Identification ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

Box:City:KENNESAW

State:GA

ZIP:30152

Country:US

Phone:770-424-4888/800-645-5244

Contract Num:SP0450-02-M-M167

CAGE:21267

===== Composition/Information on Ingredients =====

Ingred Na

me:TETRAFLUOROETHANE

CAS:811-97-2

= Wt:100.

Other REC Limits:AEL 1000 PPM (DUPONT

===== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: CONTACT WITH LIQUID IS

IRRITATING AND MAY CAUSE FROSTBITE. SKIN: CONTACT CAUSES FROSTBITE.

PROLONGED CONTACT CAN CAUSE SKIN IRRITATION. INGESTION: UNLIKELY

DUE TO VOLATILE NATURE OF PRODUCT. CON TACT WITH LIQUID

MAY CAUSE

FROSTBITE TO MOUTH AND THROAT TISSUES. INHALATION: HARMFUL IF

INHALED. HIGH CONCENTRATIONS OF VAPORS IN IMMEDIATE AREA CAN

DISPLACE OXYGEN AND CAN CAUSE DIZZINESS, UNCONSCIOUSNESS, AND EVEN

DEATH WITH LONGER EXPOSURE. KEEP PEOPLE AWAY FROM SUCH VAPORS

WITHOUT SELF-CONTAINED BREATHING APPARATUS.

Explanation of Carcinogenicity:NO INGREDIENTS LISTED AS HUMAN

CARCINOGENS BY NTP OR IARC.

Effects of Overexposure:EYES: CONTACT WITH LIQUID IS IRRITATING AND MAY

CA

USE FROSTBITE. SKIN: CONTACT CAUSES FROSTBITE. PROLONGED CONTACT

CAN CAUSE SKIN IRRITATION. INGESTION: UNLIKELY DUE TO VOLATILE

NATURE OF PRODUCT. CON TACT WITH LIQUID MAY CAUSE FROSTBITE TOMOUTH

AND THROAT TISSUES. INHALATION: HARMFUL IF INHALED. HIGH

CONCENTRATIONS OF VAPORS IN IMMEDIATE AREA CAN DISPLACE OXYGEN AND

CAN CAUSE DIZZINESS, UNCONSCIOUSNESS, AND EVEN DEATH WITH LONGER

EXPOSURE.

Medical Cond Aggravated by Exposure:HEART, LUNG, SKIN, EYE.

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==== First Aid Measures =====

First Aid:EYES: TREAT FOR POSSIBLE FROSTBITE, THEN FLUSH WITH WATER.

AFTER INITIAL FLUSHING, REMOVE ANY CONTACT LENSES AND FLUSH FOR AT

LEAST 15 MINUTES. HAVE EYE EXAMINED BY MEDICAL PERSONNEL IF

IRRITATION DEVELOPS OR PERSISTS. SKIN: TREAT FOR FROSTBITE, THEN

WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION

DEVELOPS/PERSISTS. INGESTION: TREAT FOR FROSTBITE. SWALLOWING 1, BUTYL

ACETATE=1.

Solubility in Wat

er:67MG/L@77F

Appearance and Odor: CLEAR, COLORLESS LIQUIFIED GAS; SLIGHT ETHEREAL ODOR.

Percent Volatiles by Volume: 100

Corrosion Rate: NOT PROVIDED.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

DO NOT MIX WITH POWDERED ALKALI AND ALKALINE EARTH METALS OR STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: DO NOT SPRAY NEAR OPEN FLAMES, RED HOT SURFACES, OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products

: THERMAL DECOMPOSITION MAY RELEASE HYDROFLUORIC ACID VAPOR.

===== Toxicological Information =====

Toxicological Information: INHALATION: RATS ALC 567,000 PPM/4HRS (INFORMATION FROM DUPONT). REPRODUCTIVE EFFECTS: NONE. TERATOGENIC EFFECTS: NONE. MUTAGENIC EFFECTS: NONE.

===== Ecological Information =====

Ecological: AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

REPORTING:

US REGULATIONS REQUIRE REPORTING OF THIS MATERIAL THAT COULD REACH ANY SURFACE WATERS. THE TOLL FREE NUMBER FOR THE US COAST GUARD NATIONAL RESPONSE CENTER IS: 1-800-424-8802. FOR MORE INFORMATION CALL: 1-800-645-5244.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

===== MSDS Transport Information =====

Transport Information: AIR: 1,1,1,2-TETRAFLUOROETHANE, UN3159, CLASS 2.2. LABEL-NONFLAMMABLE GAS. PACKAGE INSTRUCTION: 200. MAXIMUM QUANTITY-75KG/150KG. GROUND: CONSUMER COMMODITY, ORM-D. PACKAGE INSTRUCTION-173.306, DOT-E 10232.

===== Regulatory Information =====

SARA Title III Information: PRODUCT DOES NOT CONTAIN ANY SECTION 313 LISTED CHEMICALS.

Federal Regulatory Information: ALL OF THE INGREDIENTS PRESENT

NT IN THIS

PRODUCT ARE LISTED IN THE TOXIC SUBSTANCE CONTROL ACT (TSCA)
INVENTORY

State Regulatory Information:NOT PROVIDED.

===== Other Information =====

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