

CHEMTRONICS INC -- TUNER RENU CLEANER LUBRICANT,ES883,ES1661 -- 6850-01-394-9514  
===== Product Identification =====

Product ID:TUNER RENU CLEANER LUBRICANT,ES883,ES1661

MSDS Date:10/22/1997

FSC:6850

NIIN:01-394-9514

Status Code:A

MSDS Number: CKPTK

=== Responsible Party ===

Company Name:CHEMTRONICS INC

Address:8125 COBB CENTER DRIVE

City:KENNESAW

State:GA

ZIP:30152

Country:US

Info Phone Num:800-T

ECH-401/800-645-5244

Emergency Phone Num:800-424-9300

Resp. Party Other MSDS Num.:#1211

Chemtrek 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

CAGE:21267

Company Name:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-542-1042

Contract Num:SP0450-00-M-SE56

CAGE:0TNN7

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Composition/Information on Ingredients  
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Ingred Name:DICHLOROFLUOROETHANE

CAS:1717-00-6

RTECS #:KI0997000

Minumum % Wt:45.

Maxumum % Wt:50.

Ozone Depleting Chemical:2

Ingred Name:PERFLUORO COMPOUNDS, C5-18

CAS:86508-42-1

Minumum % Wt:45.

Maxumum % Wt:50.

Ingred Name:SYNTHETIC OIL

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Minumum % Wt:1.

Maxumum % Wt:5.

OSHA PEL:9000 MG/M3;5000 PPM

ACGIH TLV:9000 MG/M3;500

0 PPM

ACGIH STEL:54000 MG/M3

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Hazards Identification  
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LD50 LC50 Mixture:NONE GIVEN FOR PRODUCT AS A WHOLE

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

Health Hazards Acute and Chronic:EYES: LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT MAY BE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION. SKIN: PROLONGED CONTACT CAN CAUSE SKIN IRRITATION. INGESTION: MAY BE HARMFUL IF SWALLOWE

D. IRRITATING TO MOUTH, THROAT AND STOMACH.

INHALATION: CAN BE HARMFUL IF INHALED. HIGH CONCENTRATION OF VAPORS IN IMMEDIATE AREA CAN DISPLACE OXYGEN AND CAN CAUSE DIZZINESS.

Explanation of Carcinogenicity:NO INGREDIENTS LISTED AS HUMAN CARCINOGENS BY NTP OR IARC.

Effects of Overexposure:EYES: LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT MAY BE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION. SKIN: PROLONGED CONTACT CAN C

AUSE SKIN IRRITATION. INGESTION: MAY BE HARMFUL IF SWALLOWED. IRRITATING TO MOUTH, THROAT AND STOMACH. INHALATION: CAN BE HARMFUL IF INHALED. HIGH CONCENTRATION OF VAPORS IN IMMEDIATE AREA CAN DISPLACE OXYGEN AND CAN CAUSE DIZZINESS.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER. AFTER INITIAL FLUSHING, REMOVE ANY CONTACT LENSES & CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. HAVE EYES EXAMINED BY MEDICAL PERSONNEL IF IRRITATION DEVELOPS/PERSISTS. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS/PERSISTS. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY OR FOG, CO2, DRY CHEMICAL OR WATER STREAM WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

Fire Fighting Procedures:AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE-DEMAND, MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== Accidental Release Measures =====

Spill Release Procedures:SHUT OFF LEAK IF POSSIBLE AND SAFE TO DO SO. ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER FOR PROPER DISPOSAL. DO NOT FLUSH TO SEWER. AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== Handling and Storage ==

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Handling and Storage Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH EYES, SKIN & CLOTHNG. USE ADEQUATE VENTILATION. AVOID BREATHING PRODUCT VAPOR OR MIST. DO NOT REUSE THIS CONTAINER. STORE IN A COOL DRY PLACE AWAY FROM HEAT, S PARKS AND FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE IN DIRECT SUNLIGHT.  
Other Precautions:WASH HANDS BEFORE EATING. KEEP OUT OF REACH OF CHILDREN. DO NOT PUNCTURE OR INCINERATE CONTAINERS.

===== Ex  
posure Controls/Personal Protection =====

Respiratory Protection:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. THIS MATERIAL DOES NOT HAVE ESTABLISHED EXPOSURE LIMITS.  
Protective Gloves:WEAR RUBBER OR CHEMICALLY RESISTANT GLOVES WHEN HANDLING THIS MATERIAL  
Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).  
Other Protective Equipment:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Work Hygiene Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Supplemental Safety and Health  
NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Physical/Chemical Properties =====

HCC:V2  
Boiling Pt:=32.2C, 90.F  
Vapor Pres:374 MMHG@70F(LIQUID ONLY)  
Spec Gravity:1.57(WATER=1)  
Evaporation Rate & Reference:>1(0.172 GRAMS/MINUTE)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:CLEAR, COLORLESS LIQUID; ETHEREAL ODOR.  
Percent Volatiles by Volume:100%

===== 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:THIS PRODUCT IS STABLE.  
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE CARBON MONOXIDE, CARBON DIOXIDE AND INCOMPLETELY BURNED HYDROCARBONS AS WELL AS HYDROCHLORIC AND HYDROFLUORIC ACID VAPOR.  
Conditions to Avoid Polymerization:FINELY DIVIDED ACTIVE METALS, ALKALI

AND ALKALINE EARTH METALS.

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

Toxicological Information: INHALATION: DICHLOROFLUOROETHANE, LC50/RATS 56700 PPM/6 HR; CARBON DIOXIDE, LCLO/HUMANS 9 PPH/5 MIN; PERFLUORO COMPOUNDS, LC50/RATS >5260 MG/L /1HR. SKIN: DICHLOROFLUOROETHANE, LD50/RATS >2 G/KG; PERFLUOROETHANE: NO ADVERSE HEALTH EFFECTS ARE EXPECTED-MAY CAUSE SKIN IRRITATION. CANCER INFORMATION: NO INGREDIENTS LISTED AS HUMAN CARCINOGENS BY NTP AND IARC

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

Ecological: AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE. US REGULATIONS REQUIRE REPORTING SPILLS OF THIS MATERIAL THAT COULD REACH ANY SURFACE WATERS. THE TOLL FREE NUMBER FOR THE US COAST GUARD NATIONAL RESPONSE CENTER: 800-424-8802.

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

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

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

Transport Information: GROUND: CONSUMER COMMODITY, ORM-D. CLASS: ORM-D. MAX QUANTITY: 173.306. AIR: AEROSOLS NON-FLAMMABLE, N.O.S. PKG INSTRUCTIONS: 203/Y203. MAX QUANTITY: 75 KG, 150 KG, 30 KG.

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

SARA Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 (40 CFR 372): DICHLOROFLUOROETHANE, CAS# 1717-00-6, 45%-50%.

Federal Regulatory Information: ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

State Regulatory Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Disclaimer (provided with this inform

ation by the compiling agencies):

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