

CHEMTRONICS INC -- ES1661, TUNER RENU CLEANER LUBRICANT (FORMERLY TUNER RENU 20 --
6850-01-394-9514

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

Product ID:ES1661, TUNER RENU CLEANER LUBRICANT (FORMERLY TUNER RENU 20

MSDS Date:10/01/2000

FSC:6850

NIIN:01-394-9514

Status Code:A

MSDS Number: CLNGY

=== 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.:#1211

Chemtec 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: 800-5

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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 SWALLOWED. IRRITATING TO MOUTH, THROAT AND STOMACH. INHALATION: CAN BE HARMFUL IF INHALED. HIGH CONCENTRATION OF VAPORS IN IMMEDIATE AREA

A 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 CAUSE 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.

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

First Aid: YES: 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.

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

Flash Point Method:TCC

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY OR FOG, CO2, DRY C

HEMICAL 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.

===== 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.

===== Handling and Storage =====

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, SPARKS 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.

===== Exposure Controls/Personal Protection =====

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).

Work Hygienic Practices:WASH HANDS BEFORE EATING.

Supplemental Safety and Health

PRODUCT IDENTIFICATION: TUNER RENU CLEANER LUBRICANT (FORMERLY TUNER RENU 2000 & AUDIO/VIDEO KLEENLUBE).

===== 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.

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 SPILLS OF THIS MATERIAL THAT COULD
REACH A NY SURFACE WATERS. THE TOLL

FREE NUMBER FOR THE US COAST

GUARD NATIONAL RESPONSE CENTER: 800-424-8802. ENVIRONMENTAL IMPACT
DATA (PERCENT BY WEIGHT): CFC-0.0%. HCFC-47.0%. CL. SOLV.-0.0%.
VOC-0.0%. HF C-0.0%. ODP-0.05%.

===== 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: AIR: PROPER SHIPPING NAME: AEROSOLS
NON-FLAMMABLE. UN NUMBER: UN 1950. CLASS: 2.2. SUB. RSIK: NA. PKG.
GROUP: NA. HAZARD LABEL: NON-FLAMMABLE GAS. PKG. INSTR.: 203, Y203.
MAX QUANTITY: 75 K.G; 150K.G .; 30 KG. GROUND: POPER SHIPPING
NAME: CONSUMER COMMODITY ORM-D. UN NUMBER: NA. CLASS: ORM-D. SUB.
RISK: NA. PKG GROUP: NA. HAZARD LABEL: ORM-D. PKG. INSTR.: PKG.
AUTH. MAX QUANTITY: 173.306.

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===== 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): DICHLOROFLUOROE THANE, CAS# 1717-00-6, 45%-50%. THIS
INFORMATION SHOULD BE INCLUDED ON ALL MSDSS COPIED AND DISTRIBUTED
FOR THIS MATERIAL.

Federal Regulatory Information: TOXIC SUBSTANCES CONTROL ACT (TSCA). ALL
INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA
INVENTORY.

WHMIS: CLASS A; CLASS D2B. THIS PRODUCT HAS BEEN CLASSIFIED
ACCORDING TO THE HAZARD CRITERIA OF T HE CPR AND THE MSDS CONTAINS
ALL OF THE INFORMATION REQUIRED BY THE CPR.

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
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document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.