

KRYLON INDUSTRIAL -- TF TUNER AND CONTACT CLEANER, 1382 -- 6850-00-245-0447

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Product Identification
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Product ID:TF TUNER AND CONTACT CLEANER, 1382

MSDS Date:02/20/1993

FSC:6850

NIIN:00-245-0447

MSDS Number: BTWPL

=== Responsible Party ===

Company Name:KRYLON INDUSTRIAL

Address:31500 SOLON ROAD

City:SOLON

State:OH

ZIP:44139

Country:US

Info Phone Num:216-292-7400

Emergency Phone Num:216-2

92-7400

CAGE:DO934

=== Contractor Identification ===

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

CAGE:0TNN7

Company Name:KRYLON INDUSTRIAL

Address:6830 COCHRAN ROAD

City:SOLON

State:OH

ZIP:44139

Country:US

Phone:800-247-3266

CAGE:DO934

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Composition/Information on Ingredients
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Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA
III)

CAS:76

-13-1
RTECS #:KJ4000000
Fraction by Wt: 96% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000PPM
ACGIH TLV:1000PPM/1250STEL9394
Ozone Depleting Chemical:1

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 3% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;94

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Report
s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CAUSE IRRITATION OF EYES, SKIN AND
RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME
OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH.
PROLONGED OVEREXPOUSRE TO SOLVENTS MA Y CAUSE ADVERSE EFFECTS TO
THE LIVER ANDURINARY SYSTEMS.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF
COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR
MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR
EXCESSIVE SKIN EXPOSURE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOV

E CONTAMINATED CLOTHING.

WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:>200F,>93C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD-UP OF PRESSURE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL

PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK

IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. AVOID BREATHING VAPORS AND MISTS.

Other Precautions:AVOID SKIN AND EYE CONTACT.

T. LAUNDRY CONTAMINATED

CLOTHING BEFORE REUSE. DURING USE AND UNTIL ALL VAPORS ARE GONE, KEEP AREA VENTILATED. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR EXPOSE TO TEMPERATURES ABOVE 120F.

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

Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION

AGAINST INGREDIENTS.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

INTENTIONAL MIS

USE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

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

HCC:V2

Boiling Pt:=73.9C, 165.F

B.P. Text:165-181F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:> 1

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:> 1 (ETHER = 1)

Solubility in Water:NOT GIVEN

Appearance and Odor:AEROSOL CAN

Percent Volatiles by Volume:> 75%

===== Stability and Reactivity

Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL

REGULATIONS.

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