

BORDEN CHEMICAL CO -- TF TUNER AND CONTACT CLEANER -- 6850-00-245-0447

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Product Identification
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Product ID:TF TUNER AND CONTACT CLEANER

MSDS Date:02/20/1993

FSC:6850

NIIN:00-245-0447

MSDS Number: BDNFD

=== Responsible Party ===

Company Name:BORDEN CHEMICAL CO

Address:180 E BROAD ST

Box:390

City:COLUMBUS

State:OH

ZIP:43215-3705

Country:US

Info Phone Num:614-225-6124

Emergency Phone Num:6

14-225-6124

CAGE:86142

=== Contractor Identification ===

Company Name:BORDEN CHEMICAL CO

Address:180 E BROAD ST

Box:City:COLUMBUS

State:OH

ZIP:43215-3705

Country:US

Phone:614-225-6124

CAGE:86142

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:GOVERNMENT PROCUREMENT SPECIALISTS INC

Address:5845 OAKBROOK PKY

Box:City:NORCROSS

State:GA

ZIP:30093

Country:US

Phone:404-416-0

761
CAGE:0K2Y0
Company Name:SANCHEZ & ASSOCIATES
Address:476 WEST FOGG STREET
Box:1649
City:COLTON (MAY BE OUT OF BUSINESS !)
State:CA
ZIP:92324
Country:US
Phone:714-370-3921/FAX824-0341 ALL WRONG#
CAGE:0HF19

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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: 96.0%
OSHA PEL:1000PPM/1250STEL
ACGIH TLV:1000PPM/1250STEL9192
Ozone Depleting Chemical:1

Ingr
ed 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

Ingred Name:LUBRICANT
Fraction by Wt: UNK

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:IRRITATION OF EYES, SKIN AND

RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. OVEREXPOSURE TO METHYLENE CHLORIDE CAN RAISE LEVEL OF CARBON MONOXIDE IN THE BLOOD. PROLONGED OVEREXPOSURE MAY CAUSE ADVERSE EFFECTS TO LIVER AND URINARY SYSTEMS

Explanation of Carcinogenicity: METHYLENE CHLORIDE IS LISTED BY NTP AND IARC. LAB ANIMALS EXPOSED TO HIGH DOSES HAVE DEVELOPED CANCER.

Effects of Overexposure: HEADACHE, DIZZINESS, NAUSEAS AND LOSS OF

COORDINATION. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR SKIN EXPOSURE.

Medical Cond Aggravated by Exposure: CARDIOVASCULAR PROBLEMS MAY BE AGGRAVATED BY OVEREXPOSURE TO METHYLENE CHLORIDE.

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

First Aid: INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL

ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

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

Flash Point Method: PMCC

Flash Point: >200F, >93C

Lower Limits: NOT GIVEN

Upper Limits: NOT GIVEN

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM

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.

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

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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===== Handl

ing and Storage =====

Handling and Storage Precautions:USE ONLY WITH ADEQUATE VENTILATION.
AVOID BREATHING VAPOR AND SPRAY MIST. AVOID CONTACT WITH SKIN AND EYES. STORE AWAY FROM IGNITION SOURCES.

Other Precautions:LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER C
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

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

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY SPECTACLES WITH SIDE SHIELDS

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

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

Supplemental Safety and Health

CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR EXPOSE TO

TEMPERATURES ABOVE 120F. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER AND OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. INTENTIONAL MISUSES BY DELIBERATELY CONCENTRATING VAPORS CAN BE HARMFUL

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

HCC:V2

Boiling Pt:B.P. Text:165F,74C

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

Vapor Pres:NOT GIVEN

Vapor Density:> 1

Spec Gravity:N

OT GIVEN

Evaporation Rate & Reference:FASTER THAN ETHER

Solubility in Water:NEGLIGIBLE

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:NONE SPECIFIED BY MANUFACTURER.

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

===== Disposal Considerations ==

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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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