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CAIG LABORATORIES INC -- R5MS POWER BOOSTER MINI SPRAY (R5MS-15) -- 6850-01-465-5728

Product ID:R5MS POWER BOOSTER MINI SPRAY (R5MS-15)

MSDS Date:07/26/1999

FSC:6850

NIIN:01-465-5728

Status Code:A

MSDS Number: CKFTR === Responsible Party ===

Company Name: CAIG LABORATORIES INC

Address:12200 THATCHER CT

City:POWAY State:CA ZIP:92064 Country:US

Info Phone Num:858-48

6-8388

Emergency Phone Num:800-441-3637/7515 DUPONT

Resp. Party Other MSDS Num.:#R5MS Preparer's Name:MARK K. LOHKEMPER Chemtrec Ind/Phone:(800)424-9300

CAGE:55403

=== Contractor Identification ===

Company Name: CAIG LABORATORIES INC

Address:12200 THATCHER CT

Box:City:POWAY

State:CA ZIP:92064 Country:US

Phone:858-486-8388

Contract Num:SP0450-00-M-D915

CAGE:55403

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

Ingred Name:R5100L

= Wt:5.

Ingred Name:1,1,1,2,3,4,4,5,5,5-DECAF

LUOROPENTANE CAS:138495-42-8 Minumum % Wt:45. Maxumum % Wt:50.

Ingred Name:TRANS-1,2-DICHLOROETHYLENE

CAS:156-60-5

RTECS #:KV9400000 Minumum % Wt:25. Maxumum % Wt:40. EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: CYCLOPENTANE

CAS:287-92-3

RTECS #:GY2390000 Minumum % Wt:2. Maxumum % Wt:5.

ACGIH TLV:1720 MG/M3;600 PPM

Ingred Name:METHANOL

CAS:67-56-1

RTECS #:PC1400000

Minumum % Wt:3.

Maxumum % Wt:6.

OSHA PEL:260 MG/M3;200 PPM ACGIH TLV:262 MG/M3;200 PPM ACGIH STEL:328 MG/M3;250 PPM

EPA

Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:NITROMETHANE

CAS:75-52-5

RTECS #:PA9800000 Minumum % Wt:.1 Maxumum % Wt:.5

OSHA PEL:250 MG/M3;100 PPM ACGIH TLV:50 MG/M3;20 PPM

Ingred Name:1,1,1,2-TETRAFLUOROETHANE (DYMEL 134A)

CAS:811-97-2 Minumum % Wt:10. Maxumum % Wt:20.

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IA

RC:NO OSHA:NO

- Health Hazards Acute and Chronic:SKIN CONTACT: REPEATED OR PROLONGED CONTACT MAY CAUSE DRYNESS OF SKIN. EYE CONTACT: CONTACT WITH LIQUIDS, MISTS OR VAPORS OF THIS PRODUCT CAN CAUSE ACUTE EYE IRRITATION. INGESTION: HARMFUL IF SWALLOWE D. MAY CAUSE IRRITATION OF MOUTH, NOSE AND THROAT. ASPITATION OF VOMIT INTO LUNGS MAY CAUSE CHRONIC PULMONARY EDEMA CHEMICAL PNEUMONIA. INHALATION: HARMFUL IF PRODUCT VAPORS INHALED IN HIGH CONCENTRAT IONS. MAY CAUSE IRRITAT
- ION OF LUNGS WITH CHRONIC PULMONARY EDEMA. ACUTE IRRITATION OF MOUTH AND NASAL PASSAGES MAY RESULT FROM OVEREXPOSURE. DISPLACEMENT OF OXYGEN BY VAPORS MAY LEAD TO DROWSINESS OR UNCONSCIOUSNESS.
- Explanation of Carcinogenicity:NONE OF THE COMPONENTS OF THIS PRODUCT ARE KNOWN TO HAVE CARCINOGENIC, MUTAGENIC, TERATOGENIC, SENSITIZATION EFFECTS.
- Effects of Overexposure:SKIN: DRY SKIN. EYES: IRRITATION, STINGING, SWELLING. INGESTION: IRRITATION OF LININGS OF MOUTH, NOSE, THROA T.
 - INHALATION: IRRITATION OF LUNGS, MOUTH AND NASAL PASSAGES, DROWSINESS, UNCONSCIOUSNESS.
- Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

First Aid:SKIN CONTACT: WASH WITH SOAP & WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING FOR AT LEAST 1 5 MINUTES. SEEK MEDICAL ATTE

NTION IF IRRITATION DEVELOPS OR

PERSISTS. INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY. INDUCE VOMITING ONLY AS DIRECTED BY MEDICAL PERSONNEL. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.

Flash Point Method: PMCC

Flash Point:NONE Lower Limits:4% Upper Limits:14%

Extinguishing Media: ALCOHOL FOAM, WATER FOG, DRY C

HEMICAL, CARBON
DIOXIDE (CO2). NOT TO BE USED: WATER.
Fire Fighting Procedures AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING

Fire Fighting Procedures: AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:SPECIAL EXPOSURE HAZARDS: CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBONS.

	Accidental	Release	Measures	
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- Spill Release Procedures:OBSERVE RECOMMENDATIONS FOR PERSONAL PROTECTIVE EQUIPMENT. FOR LARGE SPILLS, ABSORB WITH INERT MATERIAL SUCH AS SAND. CLA
- Y OR DIRT AND PLACE IN SEALED METAL CONTAINER FOR DISPOSAL. ABSORB WITH INERT M ATERIAL AND DISCARD AS YOU WOULD MINERAL OIL. AVOID RUNOFF INTO SEWERS AND DITCHES THAT LEAD TO WATERWAYS.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

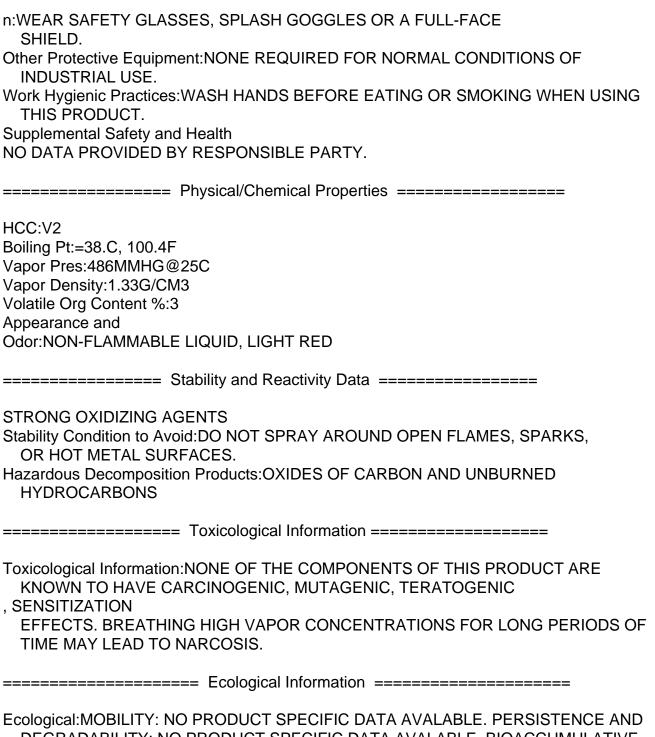
 Handling and Storage	

- Handling and Storage Precautions:DO NOT EXPOSE TO TEMPERATURES ABOVE 120F. USE IN WELL-VENTILATED AREAS. USE AND STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HE
- AT, HOT SURFACESAND SOURCES OF IGNITION. PROTECT CONTAINERS FROM PHY SICAL DAMAGE. INDOOR STORAGE SHOULD MEET OSHA STANDARDS AND APPROPRIATE CODES.
- Other Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN, EYES OR CLOTHING. AVOID BREATHING PRODUCT VAPOR FOR EXTENDED PERIODS OF TIME. USE ONLY WITH ADEQUATE VENTILATION. GENERAL VENTILATION SHOULD BE ADEQUATE, BUT USE LOCAL EXHAUST IN CONFINED SPACES OR POINTS OF EXCESSIVE DISCHARGE. AVOID SPLASHING OR CREAT ING MIST S.

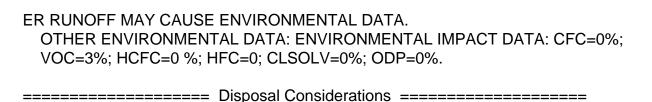
===== Exposure Controls/Personal Protection ========

- Respiratory Protection:FULL-FACE RESPIRATOR MASK EQUIPPED WITH ACID GAS/ORGANIC VAPOR CARTRIDGE OR FUME HOOD OR OTHER TYPE OF LOCAL EXHAUST VENTILATION.
- Ventilation:GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE VAPOR LEVELS. LOCAL EXHAUST VENTILATION SHOULD BE USED IF LARGE AMOUNTS ARE RELEASED.
- Protective Gloves:WEAR CHEMICALLY RESISTANT RUBBER GLOVES WITH REPEATED EXPOSURE.

Eye Protectio



DEGRADABILITY: NO PRODUCT SPECIFIC DATA AVALABLE. PERSISTENCE AND DEGRADABILITY: NO PRODUCT SPECIFIC DATA AVALABLE. BIOACCUMULATIVE POTENTIAL: NO PRODUCT SPECIFIC DATA AVALABLE. AQUATIC TOXICITY: NO PRODUC T SPECIFIC DATA AVALABLE. OTHER DATA PERTAINING TO TOXICITY: IN LARGE QUANTITIES, WAT



- Waste Disposal Methods:PRODUCT WASTE IS SUITABLE FOR FUELS BLENDING FOR ENERGY RECOVERY OR DISPOSAL BY INCINERATION. PRODUCT MAY BE RECOVERABLE BY DISTILLATION OR RECYCLING. LANFILLING IS NOT RECOMMENDED FOR DISPOSAL. PACKA GE, TRANSPORT AND DISPOSE OF IN ACCOR
- DANCE WITH LOCAL OR NATIONAL REGULATIONS THAT APPLY TO SUBSTANC ES & PREPARATIONS OF THIS NATURE.

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- Transport Information:US DOT SHIPPING NAME: CONSUMER PRODUCT. CLASS: ORM-D. UN NUMBER: NOT REQUIRED. IATA: CONSUMER COMMODITY. UN NUMBER: N/A. CLASS OR DIVISION: N/A. LABEL: N/A. SUBSIDIARY RISK: NONE. PACKING INSTRUCTIONS: N/A. IMDG: SHIPPING NAME: NON-FLAMMABLE AEROSOL. CLASS: N/A. UN NUMBER: N/A. IMDG CODE: N/A.
 - LABEL NOT REQUIRED. MARINE POLLUTANT: NO. EMS: CHEMTREC-USA. MFAG NO.: #R5MS.

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- SARA Title III Information: DISCLOSURE OF METHANOL AS A TOXIC CHEMICAL IS REQUIRED UNDER SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372. CONTACT DUPONT FOR ADDITIONAL INFO RMATION FOR VENTREL XMS (INCLUDES INGREDIENTS 2-6).
- Federal Regulatory Information: OSHA HAZA
- **RDOUS COMPONENTS (29**
 - CFR1910.1200): METHANOL. TSCA INVENTORY: ALL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
- State Regulatory Information: CALIFORNIA PROPSITION 65: THE CALIFORNIA LIST OF CHEMICALS "KNOWN TO TO CAUSE CANCER OR REPRODUCTIVE TOXICITY" IS SO EXTENSIVE IT REQUIRES MORE CLARIFICATION, RESEARCH AND EVALUATION. MEANWHILE, ALL C HEMICALS DISTIBUTED BY OR MANUFACTURED BY CAIG LABORATORIES, SHALL BE ASSUMED TO BE ON THE LIST OR CONTAIN DETECTABLE AMOUNTS OF C

HEMICAL LISTED.

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

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