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MSDS Safety Information  
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FSC: 6850

MSDS Date: 05/08/1993

MSDS Num: BVMJQ

LIIN: 00N052477

Product ID: TRONIC KLEEN, 4025

MFN: 01

Responsible Party

Cage: 4STAR

Name: FOUR STAR CHEMICAL

Address: 5701 S COMPTON AVE

City: LOS ANGELES CA 90011

Info Phone Number: 213-588-7166

Emergency Phone Number: 800-424-9300 (CHEMTREC)

Proprietary Ind: Y

Published: Y  
=====Contractor Summary  
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Cage: 4STAR

Name: FOUR STAR CHEMICAL

Address: 5701 SO. COMPTON AVE

Box: 280011

City: LOS ANGELES CA 90011

Phone: 213-588-7166  
=====Ingredients  
=====Name: \*\*\* PROPRIETARY \*\*\*  
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=====Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE:INHAL:EXCESSIVE INHAL OF VAP CAN CAUSE NASAL &  
RESP IRRIT, DIZZ, WEAKNESS, FATG, NAUS, HDCH, AND POSSIBLE UNCONSCIOUSNESS.  
SKIN CONT/ABSORPTION:PRLNGD/RPTD CONT CAN CAUSE MOD IRRIT, DEFAT OR DER M.  
INGEST:CAN CAUSE GI IRRIT, NAUS, VOMIT & DIARR. ASPIR OF MATL INTO LUNGS  
CAN CAUSE CHEM DMG. (EFFECTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptions Of Overexposure: HLTH HAZ:EYES:CAN CAUSE SEVERE IRRITATION,  
REDNESS, TEARING AND BLURRED VISION.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES:FLUSH W/WATER FOR @ LEAST 15 MINS, LIFTING UPPER & LOWER  
LIDS. GET MED ATTN. SKIN:WASH EXPOSED AREA W/SOAP & WATER. INHAL:REMOVE  
TO FRESH AIR. IF BRTHG IS DFCLT, ADMIN OXYG. IF BRTHG HAS STOPPED, GIVE ARTF  
RESP. GET MED ATTN. INGEST:DO NOT INDUCE VOMIT. GET MED ATTN. ASPIR OF MATL  
INTO THE LUNGS DUE TO VOMIT CAN CAUSE CHEMICAL PNEUMONITIS.

  
=====Handling and Disposal  
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Spill Release Procedures: CLEAN UP AREA BY MOPPING/WITH ABSORBANT MATLS & PLACE IN CLSD CNTNR FOR DISPOSAL. CONSULT FEDERAL, STATE, AND LOCAL DISPOSAL AUTHORITIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: WHEN USED PROPERLY AEROSOL PROD DO NOT GENERATE HAZ WASTE. EMPTY DE-PRESSURIZED CNTNRS CAN NOT BE REUSED & SHOULD BE WRAPPED & PUT IN TRASH COLLECTION. CANS WHICH ARE PERMITTED/CONTAIN LIQ MUST BE DIS P OF IN PERMITTED WASTE MANAGEMENT (SUPDAT)

Handling And Storage Precautions: DO NOT STORE @ TEMP ABOVE 120F.

Other Precautions: PLEASE READ & FOLLOW DIRECTIONS ON PROD LABEL.

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Fire and Explosion Hazard Information  
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Flash Point Text: -7F,-22C

Lower Limits: 1.1%

Upper Limits: 7.5%

Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). AT ELEVATED TEMP (ABOVE 120F) CNTNRS MAY VENT, RUPTURE, OR BURST.

Unusual Fire/Explosion Hazard: KEEP CNTNRS COOL. USE EQUIP/SHIELDING REQD TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING, VENTING CNTNRS.

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Control Measures  
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Respiratory Protection: GOOD VENTILATION ADEQUATE. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENT TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: RESISTANT, SUCH AS NEOPRENE, (SUPDAT)

Eye Protection: ANSI APPVD CHEM WORK GOGG (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: DO NOT EAT, DRINK, OR SMOKE IN WORK AREA. WASH HANDS BEFORE EATING.

Supplemental Safety and Health: WASTE DISP METH:FACILITY. CONSULT FEDERAL, STATE, AND LOCAL DISP AUTHORITIES FOR APPRVD PROCEDURES. PROT GLOVES:NITRILE RUBB/POLYVINYL CHLORIDE.

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Physical/Chemical Properties  
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Vapor Pres: 64.7 MM HG

Spec Gravity: 1.16

Evaporation Rate & Reference: NOT KNOWN

Solubility in Water: .014%

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume: 99+

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: DO NOT EXPOSE TO TEMPERATURE ABOVE 120F.

Materials To Avoid: STRONG ALKALYES.

Hazardous Decomposition Products: ABNORMALLY HIGH TEMP POSSIBLE TRACE AMOUNT OF PHOSGENE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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HAZCOM Label  
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Product ID: TRONIC KLEEN, 4025  
Cage: 4STAR  
Company Name: FOUR STAR CHEMICAL  
Street: 5701 SO. COMPTON AVE  
PO Box: 280011  
City: LOS ANGELES CA  
Zipcode: 90011  
Health Emergency Phone: 800-424-9300 (CHEMTREC)  
Label Required IND: Y  
Date Of Label Review: 08/26/1994  
Status Code: C  
Label Date: 08/26/1994  
Origination Code: G  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: Slight  
Hazard And Precautions: EXTREMELY FLAMMABLE. ACUTE:MAY CAUSE EYE, SKIN,  
RESPIRATORY, AND DIGESTIVE SYSTEM IRRITATION RESULTING IN DIZZINESS,  
WEAKNESS, FATIGUE, NAUSEA, HEADACHE, VOMITING, DIARRHEA, AND POSSIBLE  
UNCONSCIOUSNESS. CHRONIC:NONE SPECIFIED BY MANUFACTURER.

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