

KYZEN CORP -- HAND WIPE PRECISION NO RINSE CLEANER,X 381

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MSDS Safety Information  
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FSC: 6850  
NIIN: 01-434-4425  
MSDS Date: 08/02/1994  
MSDS Num: CDKSZ  
Product ID: HAND WIPE PRECISION NO RINSE CLEANER,X 381  
MFN: 01  
Responsible Party  
Cage: KYZEN  
Name: KYZEN CORP  
Address: 430 HARDING INDUSTRIAL DR  
City: N  
ASHVILLE TN 37211  
Info Phone Number: 615-831-0888  
Emergency Phone Number: 615-831-0888/800-424-9300(CHEMTREC)  
Preparer's Name: UNKNOWN  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 0ZX23  
Name: KYZEN CORP  
Address: 430 HARDING INDUSTRIAL DRIVE  
Box: UNKNOW  
City: NASHVILLE TN 37211  
Phone: 615-831-0888  
Cage: KYZEN  
Name: KYZEN CORP  
Address: 413 HARDING INDUSTRIAL DR

City: NASHVILLE TN 37211  
Phone: 615-831-0888  
Cage: 00LF5  
Name: KYZEN CORP (803-886-8232)  
Address: UNKNOWN  
Box: UNKNOW  
City: UNKNOWN NK 00000  
Phone: UNKNOWN

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Item Description Information  
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Item Manager: S9G  
Item Name: CLEANING COMPOUND,SOLVENT  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: CO  
Quantitative Expression: 0000000005GL  
UI Container Qty: 0  
Type of Container:

PAIL

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL, RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: T

TARGET ORGANS: EYES, SKIN, CNS, RESPIRATORY & GI

TRACTS. ACUTE- EYE CONTACT MAY CAUSE IRRITATION. SKIN CONTACT MAY CAUSE IRRITATION & DEFATTING. INHALATION OF VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. MAY BE HARMFUL IF SWALLOWED. ASPIRATION HAZARD. CHRONIC- DERMATITIS.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DROWSINESS, REDNESS, TEARING, BLURRED VISION, SKIN CRACKING, DERMATITIS

Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. ORAL: GET MEDICAL ATTENTION AT ONCE.

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Handling and Disposal  
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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. REMOVE IGNITION SOURCES. VENTILATE AREA. ABSORB ON SAND/VERMICULITE. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SPILL AREA WITH SOAPY WATER, THEN WATER TO REMOVE RESIDUES.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLING

OR INCINERATION IS RECOMMENDED. KEEP OUT OF SEWERS, STORM DRAINS AND SURFACE WATERS.

Handling And Storage Precautions: STORE IN TIGHTLY CLOSED CONTAINER. KEEP AWAY FROM IGNITION SOURCES & STRONG OXIDIZING AGENTS.

Other Precautions: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. AVOID EYE AND SKIN CONTACT.

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Fire and Explosion Hazard Information  
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Flash Point Method: PMCC

Flash Point Text: 104F,40C

Lower Limits: 1.2%

Upper Limits: 9.68%

Extinguishing Media: WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL TO A SAFE AREA.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDER

ABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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Control Measures  
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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO K

EEP EXPOSURE AS LOW AS POSSIBLE.

Protective Gloves: BUTYL RUBBER

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

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Physical/Chemical Properties  
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HCC: F4

NRC/State LIC No: NOT RELEVANT

B.P. Text: 309F - 3

50F  
M.P/F.P Text: -76F,-60C  
Decomp Text: UNKNOWN  
Vapor Pres: 2.3  
Vapor Density: 5.14  
Spec Gravity: 0.75  
Viscosity: UNKNOWN  
Evaporation Rate & Reference: 0.4 (N-BUTYL ACETATE=1)  
Appearance and Odor: CLEAR LIQUID - ODORLESS  
Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: EXCESSIVE HEAT, IGNITION SOURCES  
Materials To Avoid: STRONG OXIDIZ  
ING AGENTS  
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE  
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  
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Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible P

arty Cage: KYZEN  
Trans ID NO: 136542  
Product ID: HAND WIPE PRECISION NO RINSE CLEANER,X 381  
MSDS Prepared Date: 08/02/1994  
Review Date: 04/01/1997  
MFN: 1  
Tech Entry NOS Shipping Nm: CONTAINS ALIPHATIC HYDROCARBONS.  
Radioactivity: NOT RELEVANT  
Net Unit Weight: 31.3 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CO  
Container QTY: 0  
Type Of Container: PAIL

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Detail DOT Information  
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DOT PSN Code: GJL  
Symbols: G  
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
Hazard Class: 3  
UN ID Num: UN1993  
DOT Packaging Group: III  
Label: FLAMMABLE LIQUID  
Special Provision: B1,B52,T7,T30  
Packaging Exception: 150  
Non Bulk Pack: 203  
Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: A

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Detail IMO Information  
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IMO PSN Code: HIA  
IMO Proper Shipping Name: FLAM  
MABLE LIQUID, N.O.S. o  
IMDG Page Number: 3345  
UN Number: 1993  
UN Hazard Class: 3.3  
IMO Packaging Group: III  
Subsidiary Risk Label: -  
EMS Number: 3-07  
MED First Aid Guide NUM: T

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Detail IATA Information  
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IATA PSN CA  
IATA UN ID Num: 1993  
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. \*  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: III  
Packing Note Passenger: 309  
Max

Quant Pass: 60L  
Max Quant Cargo: 220L  
Packaging Note Cargo: 310

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Detail AFI Information  
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AFI PSN CA  
AFI Symbols: \*  
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1993  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label  
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Product ID: HAND WIPE PRECISION NO RINSE CLEANER,X 381  
Cage: KYZEN  
Company Name: KYZEN CORP  
Street: 413 HARDING INDUSTRIAL DR  
City: NASHVILLE TN  
Zipcode: 37211  
Health Emergency Phone: 615-831-0888/800-424-9300(CHEMTREC)  
Label Required IND: Y  
Date Of Label Review: 04/01/1997  
Status Code: C  
MFG Label NO: UNKNOWN  
Label Date: 04/01/1997  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Haza  
rd: Moderate  
Reactivity Hazard: None  
Hazard And Precautions: TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS.  
ACUTE- MAY CAUSE EYE/SKIN IRRITATION. INHALATION OF VAPORS MAY CAUSE CNS  
EFFECTS. MAY BE HARMFUL IF SWALLOWED. CHRONIC- UNKNOWN. STORE AWAY FROM IGNI  
TION SOURCES & STRONG OXIDIZERS. ABSORBSPILL ON SAND. SWEEP UP &  
PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL. WASH SPILL AREA TO REMOVE  
RESIDUES. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. IN HALED:REMOVE TO

FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATERFOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:CALL PHYSICIAN IMMEDIATELY.

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