

Material Safety Data Sheet

02/14/2005

HANDI-KLEEN

Material Identification and Use

SUPPLIER'S NAME..... STARCO CHEMICAL A DIVISION OF DIAMOND CHEMICAL CO., INC.
SUPPLIER'S ADDRESS..... UNION AVENUE & DUBOIS STREET EAST RUTHERFORD, NJ 07073
EMERGENCY PHONE NUMBER..... 1-800-535-5053 - INFOTRAC
SUPPLIER'S PHONE..... (201) 935-4300
COMMON NAME (LABELS ONLY)..... HANDI-KLEEN
PRODUCT IDENTIFIER..... HANDI-KLEEN
FORMULA..... NA
CHEMICAL FAMILY..... LIQUID ANTI-BACTERIAL HAND SOAP

Hazardous Ingredients of Materials

Chemical Identity CAS TLV#
NONE AS PER 29CFR 1910.1200 N/A N/A

Physical Data For Product

ODOR AND APPEARANCE..... OPAQUE LIGHT YELLOW LIQUID, ALMOND ODOR
SPECIFIC GRAVITY/DENSITY (g/mL) . 1.03
VAPOR PRESSURE..... UA
VAPOR DENSITY (air=1)..... UA
EVAPORATION RATE (IN BUTYL ACETATE =1)..... UA
BOILING POINT..... 212 DEGREES F
FLAMMABLE LIMITS IN AIR=% VOLUME NA
VOLATILITY/VOL(%)..... UA
SOLUBILITY IN H2O..... COMPLETE

Fire and Explosion Hazard of Product

MEANS OF EXTINCTION..... MATERIAL NOT FLAMMABLE
FLASHPOINT..... NONE
UPPER FLAMMABLE LIMIT(% BY VOL) . NA
LOWER FLAMMABLE LIMIT(% BY VOL) . NA
AUTO-IGNITION TEMPERATURE..... NONE
SPECIAL..... NONE
UNUSUAL FIRE FIGHTING PROCEDURES NONE

Physical Hazards

CHEMICAL STABILITY..... STABLE
STABILITY CONDITIONS TO AVOID... NONE
INCOMPATIBLE MATERIALS..... NONE

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REACTIVITY IN WATER..... NONE
HAZARDOUS DECOMPOSITION PRODUCTS NONE KNOWN
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR
CONDITIONS TO AVOID..... NONE

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Health Hazard
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ACUTE OVER EXPOSURE EFFECTS..... MAY CAUSE SKIN & EYE IRRITATION
CHRONIC OVER EXPOSURE EFFECTS... SAME AS ACUTE
MEDICAL CONDITIONS AGGREGATED BY NO INFORMATION
EXPOSURE.....
EXPOSURE LIMIT USED..... NONE ESTABLISHED FOR PRODUCT
CHEMICAL LISTED AS CARCINOGEN... NO
IARC MONOGRAPHS?..... NO
OSHA..... NO
ACGIH THRESHOLD LIMIT VALUE..... NONE ESTABLISHED FOR PRODUCT
NATIONAL TOXICOLOGY PROGRAM..... NO
OSHA PEL..... NONE ESTABLISHED FOR PRODUCT

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Preventive Measures
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RESPIRATORY PROTECTION..... NONE REQUIRED WHEN USED AS DIRECTED.
LOCAL EXHAUST..... NONE REQUIRED
MECHANICAL EXHAUST..... NONE REQUIRED
SPECIAL..... NONE REQUIRED
OTHERS..... NONE REQUIRED
PROTECTIVE GLOVES..... NONE REQUIRED
EYE PROTECTION..... SPLASH PROOF GOGGLES
OTHER PROTECTIVE CLOTHING OR NONE NEEDED UNDER NORMAL CONDITIONS
EQUIPMENT.....

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First Aid Measures
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EMERGENCY AND FIRST AID PROCEDURES..... INHALATION: REMOVE TO FRESH AIR. CALL PHYSICIAN. EYES: FLUSH WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. SKIN: WASH WITH WATER. INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE AMOUNTS OF WATER. CALL PHYSICIAN.

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Special Precautions and Spill and Leak Procedures
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HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A CLEAN, DRY AREA.
OTHER PRECAUTIONS..... NONE
STEP TO BE TAKEN IN CASE OF SPILL..... FOR SMALL SPILLS, FLUSH TO SEWER WITH WATER
WASTE DISPOSAL METHODS..... IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS