

**HUDSON SUPPLY CO.**  
**4500 LEE RD.**  
**CLEVELAND, OHIO 44128**

**NOTE: CHEMTREC number is to be used in the event of a chemical emergency involving a spill, leak, exposure or accident involving chemicals.**

**All non-emergency questions should be directed to Customer Service at 1800-486-0480 for assistance.**

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## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME : ULTRASONIC CLEANING SOLUTION  
IDENTIFICATION NUMBER: USC-1, USC-2 HUDSON ULTRASONIC CLEANING SOLUTION  
PRODUCT USE/CLASS : Cleaning solution

SUPPLIER:  
Hudson Supply Co.  
4500 Lee Rd.  
Cleveland, OH 44128-2959  
EMERGENCY: 800-424-9300 (Chemtrec)  
INFORMATION: 800-486-0480

PREPARER: Technical Department, PHONE: 800-486-0480, PREPARE DATE: 10/04/99

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## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT%
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No Hazardous Materials are Contained in this Product

(See Section 16 for abbreviation legend)

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## SECTION 3 - HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: Repeated or prolonged contact may cause irritation.

ACUTE EFFECTS - EYE CONTACT: Prolonged contact may cause stinging sensation and redness.

ACUTE EFFECTS - SKIN CONTACT: Substance may cause slight skin irritation.

ACUTE EFFECTS - INHALATION: Not expected to present a hazard in normal industrial use (room temperature processing).

ACUTE EFFECTS - INGESTION: May cause nausea and vomiting.

CHRONIC OVEREXPOSURE EFFECTS: Not Applicable.

OTHER INFORMATION: Not Applicable.

PRIMARY ROUTE(S) OF ENTRY: EYE CONTACT,

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## SECTION 4 - FIRST AID MEASURES

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EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: If symptoms occur, remove to fresh air. Medical personnel may administer oxygen if breathing is difficult. Seek medical attention if symptoms persist.

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## SECTION 4 - FIRST AID MEASURES

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INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

NOTES TO PHYSICIAN: Not Applicable.

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## SECTION 5 - FIRE FIGHTING MEASURES

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FLASH POINT: N.A.

LOWER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: No data

UPPER EXPLOSIVE LIMIT: N.A.

EXTINGUISHING MEDIA: Unknown

UNUSUAL FIRE AND EXPLOSION HAZARDS: Does not burn.

SPECIAL FIREFIGHTING PROCEDURES: Does not burn.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Reclaim clean material. Contaminated material should be swept or shoveled into appropriate waste container and disposed of in accordance with applicable federal, state and local regulations.

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## SECTION 7 - HANDLING AND STORAGE

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HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid contact with skin and eyes.

STORAGE: Keep from freezing.

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## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: General ventilation usually adequate.

RESPIRATORY PROTECTION: None normally required under general ventilation. If TLV/PEL is exceeded, if use is performed in a poorly-ventilated space, or if inhalation effects occur, use NIOSH-approved vapor cartridge respirator in accordance with applicable health and safety regulations and manufacturer's recommendations.

SKIN PROTECTION: Clean clothing to cover skin. Cloth or synthetic gloves.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Accessible eye wash and safety shower.

HYGIENIC PRACTICES: Follow good general industrial safety practices during use. Do not smoke or eat during use.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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BOILING RANGE : N.A. VAPOR DENSITY: : Is lighter than air  
ODOR: Mild soapy ODOR THRESHOLD: No data  
APPEARANCE: Gold EVAPORATION RATE: Is slower than Butyl  
SOLUBILITY IN H2O : Complete Acetate  
FREEZE POINT : <32 deg f SPECIFIC GRAVITY: 1.0010  
VAPOR PRESSURE : 17.5mmHg@20degC pH @ 0.0 % : N/D  
PHYSICAL STATE : Liquid VISCOSITY : Low  
COEFFICIENT OF WATER/OIL DISTRIBUTION: No data  
(See Section 16 for abbreviation legend)

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## SECTION 10 - STABILITY AND REACTIVITY

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CONDITIONS TO AVOID: Not Applicable.  
INCOMPATIBILITY: Strong bases or oxidants.  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.  
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.  
STABILITY: This product is stable under normal storage conditions.

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## SECTION 11 - TOXICOLOGICAL PROPERTIES

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No product or component toxicological information is available.

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## SECTION 12 - ECOLOGICAL INFORMATION

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ECOLOGICAL TEST DATA: Not Available

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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DISPOSAL METHOD: Review all current federal, state, and local regulations regarding health and disposal for appropriate disposal procedures.

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## SECTION 14 - TRANSPORTATION INFORMATION

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DOT PROPER SHIPPING NAME: Not regulated  
DOT TECHNICAL NAME: N/A  
DOT HAZARD CLASS: N/A HAZARD SUBCLASS: N/A  
DOT UN/NA NUMBER: N/A PACKING GROUP: N/A RESP. GUIDE PAGE:

INTERNATIONAL SHIPPING NAME: Not regulated  
INTERNATIONAL ID NUMBER: N/A  
IMDG CLASS (1ø,2ø): N/A PACKING GROUP: N/A  
IMDG EMS: N/A IATA CLASS (1ø,2ø): N/A

ADR ITEM NO.: N/A ADR TREMCARD: N/A

SUPPLEMENTAL INFORMATION: Not Applicable.

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**SECTION 15 - REGULATORY INFORMATION**

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OSHA: Non-hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed, and is considered, under applicable definitions, to meet the following categories: NONE

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 and 40 CFR part 372:

----- CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
No SARA Section 313 components exist in this product.		

TOXIC SUBSTANCES CONTROL ACT:

The chemical substances in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME -----	CAS NUMBER
No components found.	

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
Water	7732-18-5
Soap	Unknown

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Water	7732-18-5
Soap	Unknown

CALIFORNIA PROPOSITION 65:

No Proposition 65 chemicals known to exist in this product.

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: NOT REGULATED

COMPONENT RCRA CLASSIFICATIONS: Not Applicable.

COMPONENT RCRA CODES: Not Applicable.

CERCLA RQ VALUE (MINIMUM): Not Applicable.

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**SECTION 16 - OTHER INFORMATION**

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HMIS RATINGS - HEALTH: 0      FLAMMABILITY: 0      REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 10/31/96  
REASON FOR REVISION: new format

VOLATILE ORGANIC COMPOUNDS (VOCS): 0 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

ABBREVIATIONS: ACGIH = American Conference of Governmental Industrial Hygienists; OSHA = US Occupational Health and Safety Administration; UK = United Kingdom; TLV-TWA = Threshold Limit Value-Time Weighted Average (8 hrs); STEL = Short-Term Exposure Limit (15 min); C = Ceiling Value; PEL = Permissible Exposure Limit

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