

**MSDS NO. 4341769**

**SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME	<b>CONCENTRATED MULTI-PURPOSE STAIN REMOVER</b>		
PRODUCT USE	STAIN REMOVER		
PRODUCT CODE	<b>4341769</b> - 6/1 QT	<b>ARRAY REORDER NO. 519995</b>	DATE 6-10-06

**COMPANY IDENTIFICATION**

U S CHEMICAL  
 316 HART STREET  
 WATERTOWN, WI 53094 USA  
 1-800-558-9566 (8AM TO 5PM CST MON-FRI)

**EMERGENCY TELEPHONE NUMBERS**

**MEDICAL: 1-800-851-7145 EXT. 075 (24 HOUR)**  
**TRANSPORTATION: 1-800-851-7145 EXT. 075 (24 HOUR)**  
 FOR CHEMICAL EMERGENCIES INVOLVING SPILLS, LEAKS OR FIRES.

**SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS**

**HAZARDOUS COMPONENT**

**EXPOSURE LIMITS**

CHEMICAL NAME	CAS NO.	% BY WT	OSHA PEL	ACGIH TLV	OTHER LIMITS
ISOPROPYL ALCOHOL	67-63-0	1.0 – 2.0	400 ppm TWA	400 ppm TWA	500 ppm STEL (ACGIH/OSHA)
2-BUTOXYETHANOL	111-76-2	1.0 - 5.0	25 ppm TWA-Skin	25 ppm TWA-Skin	NONE

**STATE RIGHT TO KNOW INFORMATION**

THIS PRODUCT CONTAINS: WATER/7732-18-5, 2-BUTOXYETHANOL/111-76-2, ISOPROPYL ALCOHOL/67-63-0, NONOXYNOL/9016-45-9

**SECTION 3 -- HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW	CAUTION: CAN CAUSE MODERATE EYE AND SKIN IRRITATION.
ROUTES OF ENTRY	SKIN, EYES, INHALATION, INGESTION

**POTENTIAL HEALTH EFFECTS**

INGESTION	MAY CAUSE NAUSEA, VOMITING, GASTROINTESTINAL IRRITATION AND ABDOMINAL PAIN.
INHALATION	EXCESSIVE AMOUNTS MAY CAUSE COUGHING, IRRITATION TO NOSE, THROAT AND MUCOUS MEMBRANES, NAUSEA, DIZZINESS, AND HEADACHE. DILUTED SOLUTIONS HAVE REDUCED EFFECTS.
EYE CONTACT	CAN CAUSE MODERATE EYE IRRITATION.
SKIN CONTACT	CONTACT MAY CAUSE MODERATE SKIN IRRITATION, DRYING AND DERMATITIS. EFFECTS DEPEND UPON EXPOSURE.

**CONCENTRATED MULTI-PURPOSE STAIN REMOVER****4341769****SECTION 4 -- FIRST AID MEASURES**

INGESTION	DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS AND CAN SWALLOW, ADMINISTER MILK OR WATER. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7145 EXT. 075 OR CONTACT A PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.
INHALATION	MOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF PATIENT IS NOT BREATHING.
EYE CONTACT	FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-800-851-7145 EXT. 075 OR CONTACT A PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.
SKIN CONTACT	FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.
NOTE TO PHYSICIAN	CALL 1-800-851-7145 EXT. 075 (24 HOUR) FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES TO THIS PRODUCT.

**SECTION 5 -- FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	NONE	UPPER FLAMMABLE LIMIT	N.AV.
AUTOIGNITION TEMPERATURE	N.AP.	LOWER FLAMMABLE LIMIT	N.AV.
EXTINGUISHING MEDIA	TO FIGHT FIRE, USE CARBON DIOXIDE, DRY CHEMICAL OR ALCOHOL FOAM.		
SPECIAL PROCEDURES	EVACUATE AREA OF UNPROTECTED PERSONNEL. WEAR PROTECTIVE CLOTHING INCLUDING A NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.		
UNUSUAL HAZARDS	FLAMMABLE LIQUID. A VAPOR ACCUMULATION MAY FLASH AND/OR EXPLODE IF IGNITED. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE OF IGNITION.		

**SECTION 6 -- ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. PUMP TO CONTAINER OR SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENT MATERIALS. AFTER SPILL COLLECTION, FLUSH AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES. BE CAREFUL AS SPILLS ARE SLIPPERY.
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**SECTION 7 -- HANDLING AND STORAGE**

HANDLING PRECAUTIONS	FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID INHALATION, INGESTION AND CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.
STORAGE PRECAUTIONS	ROTATE STOCK REGULARLY. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING. STORE IN A COOL DRY AREA OUT OF DIRECT SUNLIGHT. KEEP OUT OF CHILDREN'S REACH. KEEP AWAY FROM FOOD AND DRINKING WATER.

**CONCENTRATED MULTI-PURPOSE STAIN REMOVER****4341769****SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION**

HYGIENIC PRACTICES	FOLLOW NORMAL PROCEDURES FOR GOOD HYGIENE. AVOID CONTAMINATION OF FOOD. AVOID BREATHING MISTS OR VAPORS. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.
ENGINEERING CONTROLS	FACILITIES USING THIS PRODUCT MUST BE EQUIPPED WITH AN EYEWASH STATION. NO SPECIAL VENTILATION REQUIREMENTS. AVOID INHALATION OF MISTS CONTAINING THIS PRODUCT.

**PERSONAL PROTECTIVE EQUIPMENT**

	<b>RESPIRATOR</b>	NONE REQUIRED WITH NORMAL USE. AVOID INHALATION OF MIST.
X	<b>EYE / FACE PPE</b>	WEAR SAFETY GLASSES WITH SIDE SHIELDS.
	<b>APRON</b>	NOT NECESSARY.
X	<b>GLOVES</b>	RUBBER.
	<b>BOOTS</b>	NOT NECESSARY.

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	NON-VISCOUS, COLORLESS	BOILING POINT	N.AP.
SCENT	LEMON	FREEZING POINT	N.AP.
pH CONCENTRATE	7.5	VAPOR PRESSURE	N.AP.
pH USE DILUTION	6.0 TO 8.0	PHYSICAL STATE	LIQUID
SOLUBILITY IN WATER	COMPLETE	EVAPORATION RATE	N.AP.
SPECIFIC GRAVITY	1.001 AT 25°C	VAPOR DENSITY	N.AP.

**SECTION 10 -- STABILITY AND REACTIVITY**

CHEMICAL STABILITY		X	STABLE			UNSTABLE
CONDITIONS TO AVOID	AVOID MIXING WITH ANY OTHER CLEANING PRODUCT. MIX ONLY WITH WATER. DO NOT STORE AT HIGH TEMPERATURES. RECOMMENDED STORAGE TEMPERATURE BELOW 100° F.					
INCOMPATIBILITY	AVOID CONTACT WITH ANIONIC SURFACTANTS, REDUCING AGENTS, SODIUM HYPOCHLORITE, ALONG WITH OTHER STRONG OXIDIZING AGENTS AND STRONG ALKALI SUCH AS CAUSTIC SODA OR CAUSTIC POTASH.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	WARNING! MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE SULFUR DIOXIDE, HYDROGEN SULFIDE, NITROUS OXIDES, AND AMMONIA VAPORS.					
POLYMERIZATION		X	WILL NOT OCCUR			MAY OCCUR
CONDITIONS TO AVOID	NOT APPLICABLE					

**SECTION 11 -- TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN CARCINOGENS OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS, IARC MONOGRAPHS, AND OSHA.

**OTHER EFFECTS**

ACUTE LD50/LC50	NOT DETERMINED FOR THIS BLEND.
SUBCHRONIC	PROLONGED OR REPEATED OVEREXPOSURE MAY DAMAGE THESE TARGET ORGANS: EYES, CIRCULATORY SYSTEM, GASTROINTESTINAL SYSTEM.

**CONCENTRATED MULTI-PURPOSE STAIN REMOVER****4341769****SECTION 12 -- ECOLOGICAL INFORMATION**

BIODEGRADABILITY	NO DATA AVAILABLE.
ECOTOXICITY	NO DATA AVAILABLE.

**SECTION 13 -- DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD	COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. CONSULT REGULATORY AGENCIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. TRIPLE RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE RECYCLING OR DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. DO NOT REUSE EMPTY CONTAINERS. MANAGE WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY.
RCRA CLASSIFICATION	NON-HAZARDOUS

**SECTION 14 -- TRANSPORT INFORMATION**

DOT CLASSIFICATION	THIS PRODUCT IS DOT NON-HAZARDOUS.
DOT DESCRIPTION	NOT APPLICABLE.

**SECTION 15 -- REGULATORY STATUS**

## REGULATORY STATUS

NO	CERCLA RQ	N.AP.
NO	EPA REGISTERED (FIFRA)	N.AP.
NO	FDA REGULATED	N.AP.
NO	KOSHER	N.AP.
YES	OSHA HCS 29 CFR 1910.1200	THIS PRODUCT IS CONSIDERED TO BE OSHA HAZARDOUS.
YES	SARA TITLE III MATERIAL	SECTION 311, 312 & 313. REPORTING REQUIREMENTS BASED ON INVENTORY LEVELS.
YES	TSCA INVENTORY	ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE INVENTORY.

**SECTION 16 -- OTHER INFORMATION**

NFPA CLASSIFICATION			HMIS CLASSIFICATION		
2	BLUE	HEALTH	2	BLUE	HEALTH
0	RED	FLAMMABILITY	0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY	0	YELLOW	REACTIVITY
N.AP.	WHITE	SPECIAL HAZARD	B	WHITE	PERSONAL PROTECTION

DEGREE OF HAZARD: 0= MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

N.AP. = NOT APPLICABLE

N.AV. = NOT AVAILABLE

INFORMATION CONTAINED IN THIS MSDS REFERS ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND DOES NOT RELATE TO ANY PROCESS OR USE INVOLVING OTHER MATERIALS. THIS INFORMATION IS BASED ON DATA BELIEVED TO BE RELIABLE, AND THE PRODUCT IS INTENDED TO BE USED IN A MANNER THAT IS CUSTOMARY AND REASONABLY FORESEEABLE. SINCE ACTUAL USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AND NO LIABILITY IS ASSUMED BY FOUR POINTS CHEMICAL IN CONNECTION WITH THE USE OF THIS INFORMATION.