



# MATERIAL SAFETY DATA SHEET

MSDS NO. 3183754

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## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	GLITZ
PRODUCT USE	NO RINSE SANITIZER
PRODUCT CODE	3183754 - 6/1 QT
DATE	3-16-04

### COMPANY IDENTIFICATION

U S CHEMICAL  
318 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	CAS NO.	% BY WT	OSHA PEL	ACGIH TLV	OTHER LIMITS
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68421-95-1	0.0080	Not Established	Not Established	NONE
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE	32426-17-2	0.0080	Not Established	Not Established	NONE
ODDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	0.0036	Not Established	Not Established	NONE
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	5538-94-3	0.0024	Not Established	Not Established	NONE

### STATE RIGHT TO KNOW INFORMATION

NOT APPLICABLE.

## SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	IRRITANT TO EYES. HARMFUL IF SWALLOWED
ROUTES OF ENTRY	SKIN, EYES, INHALATION, INGESTION
POTENTIAL HEALTH EFFECTS	
INGESTION	MAY CAUSE NAUSEA, VOMITING, AND GASTROINTESTINAL IRRITATION, AND SWELLING OF THE LARYNX, AND SKELETAL MUSCLE PARALYSIS AFFECTING ABILITY TO BREATHE, CIRCULATORY SHOCK, AND CONVULSIONS.
INHALATION	INHALATION OF MISTS MAY CAUSE IRRITATION TO NOSE, THROAT, AND MUCOUS MEMBRANES, TISSUE DAMAGE, AND PULMONARY IRRITATION. SEVERITY DEPENDS UPON DEGREE OF EXPOSURE.
EYE CONTACT	CAUSES MODERATE EYE IRRITATION.
SKIN CONTACT	CONTACT MAY CAUSE MODERATE IRRITATION, DRYING AND DERMATITIS. HEALTH EFFECTS DEPEND UPON DEGREE OF EXPOSURE.

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## 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. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE. THEN CALL 1-800-851-7145 EXT. 075 OR CONTACT A PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.
EYE CONTACT	FLOOD EYES WITH LUKEWARM (NOT HOT) WATER Poured FROM A LARGE GLASS 2 OR 3 INCHES FROM EYES. REMOVE CONTACTS. HAVE PATIENT BLINK AS MUCH AS POSSIBLE WHILE FLOODING THE EYES. CONTINUE FOR 15 MINUTES. 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	REMOVE CONTAMINATED CLOTHES. THEN FLOOD WITH WATER FOR 15 MINUTES. ADMINISTER FIRST AID TREATMENT AS STATED ABOVE. THEN CALL 1-800-851-7145 EXT 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS. WASH CONTAMINATED CLOTHING BEFORE REUSE TO PREVENT EXPOSURE.
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	N.A.P.	UPPER FLAMMABLE LIMIT	N.A.P.
AUTOIGNITION TEMPERATURE	N.A.P.	LOWER FLAMMABLE LIMIT	N.A.P.
EXTINGUISHING MEDIA	FOR FIRES IN AREA, USE APPROPRIATE MEDIA. FOR EXAMPLE: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.		
SPECIAL PROCEDURES	EVACUATE AREA OF UNPROTECTED AND UNNECESSARY PERSONNEL.		
UNUSUAL HAZARDS	N.A.P.		

## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	WEAR PROPER PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. OKE OR DAM LARGE SPILLS. AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. VENTILATE AREA IF NEEDED. 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. KEEP COMBUSTIBLES AWAY! BE CAREFUL AS SPILLS ARE SLIPPERY.
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## SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	FOLLOW ALL LABEL DIRECTIONS. WEAR PERSONAL PROTECTIVE EQUIPMENT TO PREVENT EXPOSURE 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. RECOMMENDED STORAGE TEMPERATURE BELOW 100°F. 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.

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## 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

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

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	NON-VISCOUS, LGT ORANGE	BOILING POINT	N.A.P.
SCENT	NONE	FREEZING POINT	N.A.P.
pH CONCENTRATE	10.0	VAPOR PRESSURE	N.A.P.
pH USE DILUTION	N.A.V.	PHYSICAL STATE	LIQUID
SOLUBILITY IN WATER	COMPLETE	EVAPORATION RATE	N.A.P.
SPECIFIC GRAVITY	1.000 AT 25°C	VAPOR DENSITY	N.A.P.

## 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.

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## 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 CONTAINERS OF POWDER RESIDUE BEFORE RECYCLING OR DISCARDING CONTAINERS 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	N.A.P.

## SECTION 15 -- REGULATORY STATUS

REGULATORY STATUS	
NO CERCLA RD	N.A.P.
YES EPA REGISTERED (FIFRA)	EPA REGISTRATION NUMBER: 3862-119
NO FDA REGULATED	N.A.P.
YES KOSHER	THIS PRODUCT IS ENDORSED BY THE CHICAGO RABBINICAL COUNCIL
YES OSHA HCS 29 CFR 1910.1200	THIS PRODUCT IS CONSIDERED TO BE OSHA HAZARDOUS.
YES SARA TITLE III MATERIAL	SECTION 311 & 312. REPORTING REQUIREMENTS ARE BASED UPON 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.A.P.	WHITE SPECIAL HAZARD	B	WHITE PERSONAL PROTECTION

DEGREE OF HAZARD: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE  
N.A.P. = NOT APPLICABLE  
N.A.V. = NOT AVAILABLE

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