

MATERIAL SAFETY DATA SHEET

MSDS NO. 105640

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SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	CLEANSER		
PRODUCT USE	CHLORINATED SCOURING POWDER		
PRODUCT CODE	057244 - 24/21 OZ	DATE	10-18-11

COMPANY IDENTIFICATION

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

EMERGENCY TELEPHONE NUMBERS

MEDICAL: 1-866-923-4913 (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
SILICON DIOXIDE	14808-60-7	60.0-100.0	0.1 mg/m3 Respirable	0.1 mg/m3 Respirable	NONE
SODIUM CARBONATE	497-19-8	5.0 - 10.0	Not Established	Not Established	NONE

STATE RIGHT TO KNOW INFORMATION

THIS PRODUCT CONTAINS: SILICON DIOXIDE/14808-60-7, SODIUM CARBONATE/497-19-8,
SODIUM DODECYLBENZENESULFONATE/25155-30-0

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	CAN CAUSE EYE IRRITATION. PERMANENT EYE DAMAGE MAY RESULT WITHOUT IMMEDIATE FIRST AID TREATMENT. HARMFUL IF SWALLOWED.
ROUTES OF ENTRY	SKIN, EYES, INHALATION, INGESTION

POTENTIAL HEALTH EFFECTS

INGESTION	MAY CAUSE NAUSEA, VOMITING, AND TISSUE DAMAGE TO MOUTH, ESOPHAGUS, STOMACH, AND TO OTHER TISSUES WITH WHICH CONTACT IS MADE. SEVERITY DEPENDS UPON DEGREE OF EXPOSURE.
INHALATION	INHALATION OF DUST CONTAINING THIS PRODUCT MAY CAUSE IRRITATION TO NOSE, THROAT, AND MUCOUS MEMBRANES. SEVERITY DEPENDS UPON DEGREE OF EXPOSURE.
EYE CONTACT	MAY CAUSE EYE IRRITATION. PERMANENT EYE DAMAGE MAY RESULT WITHOUT IMMEDIATE FIRST AID TREATMENT.
SKIN CONTACT	CONTACT MAY CAUSE IRRITATION. HEALTH EFFECTS DEPEND UPON DEGREE OF EXPOSURE. MOISTURE WILL MAKE EXPOSURE MORE SEVERE.

CLEANSER**105640****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 1-866-923-4913 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 1-866-923-4913 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 1-866-923-4913 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 1-866-923-4913 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS. WASH CONTAMINATED CLOTHING BEFORE REUSE TO PREVENT EXPOSURE.
NOTE TO PHYSICIAN	CALL 1-866-923-4913 (24 HOUR) FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES TO THIS PRODUCT.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	N.AP.	UPPER FLAMMABLE LIMIT	N.AP.
AUTOIGNITION TEMPERATURE	N.AP.	LOWER FLAMMABLE LIMIT	N.AP.
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.AP.		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	USE PROPER PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. CAREFULLY SWEEP UP AND SHOVEL INTO DRY CONTAINERS WITHOUT RAISING DUST. COVER CONTAINERS AND MOVE CONTAINERS OUT OF SPILL AREA. AFTER SPILL COLLECTION, FLUSH AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.
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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. USE CLEAN, DRY UTENSILS TO AVOID CONTAMINATION. AVOID RAISING DUST. 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. STORE IN A COOL DRY AREA OUT OF DIRECT SUNLIGHT. KEEP OUT OF CHILDREN'S REACH. KEEP AWAY FROM FOOD AND DRINKING WATER.

CLEANSER**105640****SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION**

HYGIENIC PRACTICES	FOLLOW NORMAL PROCEDURES FOR GOOD HYGIENE. AVOID CONTAMINATION OF FOOD. AVOID BREATHING DUST. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.
ENGINEERING CONTROLS	FACILITIES USING THIS PRODUCT MUST BE EQUIPPED WITH AN EYEWASH STATION. AVOID INHALATION OF DUST CONTAINING THIS PRODUCT. KEEP EXPOSURE BELOW OSHA PEL.

PERSONAL PROTECTIVE EQUIPMENT

	RESPIRATOR	TYPICALLY NOT NEEDED. WEAR DUST MASK IF PRODUCT DUST IS IN AIR.
X	EYE / FACE PPE	WEAR SAFETY GLASSES WITH SIDE SHIELDS.
	APRON	NOT NECESSARY.
X	GLOVES	IF PROLONGED CONTACT IS ANTICIPATED, WEAR RUBBER GLOVES.
	BOOTS	NOT NECESSARY.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	WHITE, GRANULAR POWDER	BOILING POINT	N.AP.
SCENT	NONE ADDED.	FREEZING POINT	N.AP.
pH CONCENTRATE	N.AP.	VAPOR PRESSURE	N.AP.
pH 2500 PPM SOLUTION	9.0 TO 11.0	PHYSICAL STATE	GRANULAR POWDER
SOLUBILITY IN WATER	MODERATE	EVAPORATION RATE	N.AP.
SPECIFIC GRAVITY	N.AP.	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. AVOID TEMPERATURE GREATER THAN 100° F AND HIGH HUMIDITY TO PREVENT CAKING.					
INCOMPATIBILITY	AVOID CONTACT WITH ACIDIC MATERIALS AND OXIDIZING AGENTS SUCH AS SODIUM HYPOCHLORITE OR BLEACH.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	WARNING! MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE CARBON DIOXIDE, HYDROGEN, AND OTHER TOXIC AND IRRITATING FUMES.					
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: NONE KNOWN.

CLEANSER**105640****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 RQ	N.A.P.
NO	EPA REGISTERED (FIFRA)	N.A.P.
NO	FDA REGULATED	N.A.P.
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.
NO	USDA AUTHORIZED	N.A.P.

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	E	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

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.