

SOCAR CHEMICAL COMPANY INC
2609 RUTHERFORD RD
GREENVILLE SC 29609
864-244-5068

SAFETY DATA SHEET: **STAT 12.5**
ISSUE DATE: 9-25-13

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: STAT 12.5
CHEMICAL FAMILY NAME: QUATERNARY
PRODUCT USE: CLEANS SURFACES

SUPPLIER/MANUFACTURER'S NAME: SOCAR CHEMICAL COMPANY INC.
ADDRESS: 2609 RUTHERFORD RD, GREENVILLE SC 29609 USA
EMERGENCY PHONE: CHEMTREC 1-800-424-9300 CCN695199
BUSINESS PHONE: 1-864-244-5068
FAX: 1-864-268-2742
MONDAY-FRIDAY, 7AM-4PM
WEBSITE: www.socarchemical.com

SECTION 2: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: THIS IS A GREEN LIQUID WITH A PLEASANT ODOR. NO EXPECTED HEALTH HAZARDS.
IMMEDIATE HEALTH, PHYSICAL AND ENVIRONMENTAL HAZARDS: NO HEALTH PROBLEMS AT ALL.

OSHA HAZARD CLASSIFICATION
NONE

PRECAUTIONARY STATEMENTS:
KEEP CONTAINER TIGHTLY CLOSED
WEAR PROTECTIVE GLOVES AND EYE/FACE PROTECTION
STORE IN COOL/WELL VENTILATED PLACE

THIS MIXTURE IS NOT CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	%
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SDS STAT 12.5 PAGE 2

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (C12-18)	68391-01-5	>15
ALCOHOL	67-63-0	>5
WATER	7732-18-5	<85

SECTION 4: FIRST AID MEASURES

IF INHALED: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MNUTES. GET MEDICAL ATTENTION IMMEDIATELY.
IF ON SKIN: FLUSH WITH LARGE AMOUNTS OF WATER. IMMEDIATELY TAKE OFF ALL CONTAMINATED CLOTHING. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. WASH CLOTHING SEPARTELY BEFORE REUSE.
IF IN EYES: IF SYMPTOMS ARE EXPERIENCED, REMOVE SOURCE OF CONTAMINATION OR MOVE VICTIM TO FRESH AIR. IF THE AFFECTED PERSON IS NOT BREATHING, APPLY ARTIFICAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. GET EDICAL ATTENTION IMMEDIATELY.
IF INGESTED: IF THE MATERIAL IS SWALLOWED, GET IMMEDIATE MEDICAL ATTENTION OR ADVICE DO NOT INDUCE VOMITING.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABILITY: NON FLAMMABLE
FLASH POINT: NO FLASH POINT SEEN AT OR BELOW 212 DEG. F (100 DEG. C), ASTM D-93
SUITABLE EXTINGUISHING MEDIA: USE DRY CHEMICAL, CO2, and WATER SPRAY OR “ALCOHOL” FOAM.
EXTINGUISHING MEDIA TO AVOID: HIGH VOLUME JET WATER.
PRODUCTS OF COMBUSTION: IN EVENT OF FIRE CREATED CARBON OXIDES.
SPECIAL PROTECTIVE EQUIPMENT: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARTAUS AND FULL FIRE-FIGHTING TURNOUT GEAR.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: ISOLATE AREA. KEEP UNNECESSARY PERSONNEL AWAY. STAY UPWIND. KEEP OUT OF LOW AREAS. VENTILATE CLOSED SPACES BEFORE ENTERING.
ENVIRONMENTAL PRECAUTIONS: PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS OR WATERWAYS.
METHOD FOR CONTAINMENT: DIKE OR SOAK-UP WITH INERT ABSORBENT MATERIAL.
METHOD FOR CLEAN UP: DILUTE WITH WATER AND RINSE INTO SANITARY SEWER SYSTEM OR DISPOSE INTO SUITABLE CONTAINER.

SECTION 7: HANDLING AND STORAGE

HANDLING: ENSURE ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.
STORAGE: KEEP CONTAINER TIGHTLY CLOSED. KEEP IN COOL DRY PLACE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES: NO COMPONENTS LISTED WITH TWA OR STEL VALUES UNDER OSHA OR ACGIH.
EXPOSURE CONTROLS:
EYE CONTACT: USE PROTECTIVE GLASSES IF SPLASHING OR SPRAY-BACK IS LIKELY.
RESPIATORY: USE IN WELL-VENTILATED AREAS.
SKIN CONTACT: DERMAL SENSITIVE INDIVIDUALS SHOULD USE PROTECTIVE GLOVES.

SDS STAT 12.5 PAGE 3

GENERAL HYGIENE CONSIDERATIONS: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: GREEN LIQUID

ODOR: PLEASANT

ODOR THRESHOLD (PPM): MILD

PH: 6.7

FREEZING POINT: 32 F

BOILING POINT: NOT APPLICABLE

FLASHPOINT: 123 F

EVAPORATION RATE: ESTIMATED SLOWER THAN ETHYL ETHER

FLAMMABILITY: NOT APPLICABLE

EXPLOSIVE LIMITS (mmHg): NOT APPLICABLE

VAPOR DENSITY: ESTIMATED HEAVIER THAN AIR

RELATIVE DENSITY: NOT APPLICABLE

SOLUBILITY: 100%

PARTITION COEFFICIENT: N-OCTANOL/WATER: NOT AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT APPLICABLE

DECOMPOSITION TEMPERATURE: NOT APPLICABLE

VISCOSITY: 50 CPS@25C

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS

REACTIVITY: NON-REACTIVE.

CONDITIONS TO AVOID: HEAT, FLAMES, AND SPARKS

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS ANIONIC SURFACTANTS

HAZARDOUS DECOMPOSITION PRODUCTS: UPON DECOMPOSITION THIS PRODUCT MAY YIELD OXIDES OF NITROGEN AND AMMONIA, CARBON DIOXIDE, CARBON MONOXIDE AND OTHER LOW MOLECULAR WEIGHT HYDROCARBONS

POSSIBILITY OF HAZARDOUS REACTIONS: WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

EFFECTS OF EXPOSURE: NOT EXPECTED TO BE HAZARDOUS UNDER TYPICAL USE CONDITIONS.

ACUTE TOXICITY: ACUTE ORAL LD50 RAT: 50-500 mg/kg

EYES: MINIMAL IRRITANT PER OCULAR IRRITATION (R*) ASSAY MODELING.

SKIN: NON-IRRITANT PER DERMAL IRRITATION (R*) ASSAY MODELING.

AQUATIC TOXICITY: VERY TOXIC TO AQUATIC ORGANISMS

TERRESTRIAL TOXICITY: NO DATA AVAILABLE

PERSISTENCE AND DEGRADABILITY: NO DATA AVAILABLE

MOBILITY: NO DATA AVAILABLE.

BIOACCUMULATION: NOT APPLICABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD FOR DISPOSAL: CONTAINER DISPOSAL- DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE EMPTY CONTAINER WITH WATER. RETURN METAL DRUM THEN OFFER FOR RECONDITIONING OR PUNCTURE AND DISPOSE OF IN SANITARY LANDFILL, OR BY OTHER PROCEDURES APPROVED BY STATE AND LOCAL AUTHORITIES. PLASTIC CONTAINERS MAY BE DISPOSED OF IN A SANITARY LANDFILL, INCINERATED, OR

SDS STAT 12.5 PAGE 4

IF ALLOWED BY LOCAL AUTHORITIES, BY BURNING. IF BURNED STAY OUT OF SMOKE.
OFFER FOR RECYCLING IF AVAILABLE.

USED PRODUCT: USED PRODUCT MAY BE HAZARDOUS DEPENDING ON THE CLEANING APPLICATION AND RESULTING CONTAMINANTS.

EMPTY CONTAINERS: TRIPLE-RINSE WITH WATER AND OFFER FOR RECYCLING IF AVAILABLE IN YOUR AREA.

SECTION 14: TRANSPORT INFORMATION

US (DOT)/ CANADIAN TDG: NOT REGULATED FOR SHIPPING

IMO/IDMG: NOT CLASSIFIED AS HAZARDOUS

ICAO/IATA: NOT CLASSIFIED AS HAZARDOUS

ADR/RID: NOT CLASSIFIED AS HAZARDOUS

UN NUMBER: NOT APPLICABLE

HAZARD CLASS: NON HAZARDOUS

PROPER SHIPPING NAME: DETERGENT/CLEANING SOLUTION

MARINE POLLUTANT: NO

SECTION 15: REGULATORY INFORMATION

ALL COMPONENTS OF THIS MATERIAL ARE EITHER EXEMPT OR LISTED ON THE US TSCA INVENTORY.

SARA TITLE III:

SECTIONS 311/313: NOT APPLICABLE

SECTIONS 313: NOT APPLICABLE

SECTIONS 302: NOT APPLICABLE

STATE RIGHT TO KNOW LISTS NO INGREDIENTS LISTED.

SECTION 16: OTHER INFORMATION

HMIS: RATING: HEALTH: 1
FLAMMABILITY: 0
PHYSICAL HAZARD: 0
PERSONAL PROTECTION: X

PREPARED BY: DAWN STYLES, SOCAR CHEMICAL COMPANY

DATE OF PREPARTATION: JANUARY 2013

DATE OF LAST REVISION: OCTOBER 2013

DISCLAIMER: TO THE BEST OF SOCAR CHEMICAL'S KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS RELIABLE AND ACCURATE AS OF THIS DATE, HOWEVER, ACCURACY, SUITABILITY OR COMPLETENESS IS NOT GUARANTEED AND NO WARRANTIES OF ANY TYPE EITHER EXPRESS OR IMPLIED ARE PROVIDED. THE INFORMATION CONTAINED HEREIN RELATES ONLY TO THIS SPECIFIC PRODUCT.