

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

SAFETY DATA SHEET: POWDER OXYGEN
ISSUE DATE: 9-25-13

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: POWDER OXYGEN
CHEMICAL FAMILY NAME: INORGANIC OXYGEN CLEANER
PRODUCT USE: OXYGEN CLEANER FOR STAINS

SUPPLIER/MANUFACTURER'S NAME: SOCAR CHEMICAL COMPANY INC.
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SECTION 2: HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: THIS IS A RED LIQUID WITH A CHERRY 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	PERCENT BY WEIGHT
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

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SECTION 4: FIRST AID MEASURES

IF INHALED: IF ADVERSE EFFECT OCCURS, MOVE TO FRESH AIR.
IF ON SKIN: IF ADVERSE EFFECT OCCURS, RINSE SKIN WITH WATER.
IF IN EYES: IF ADVERSE EFFECT OCCURS, FLUSH EYES WITH WATER.
IF INGESTED: DRINK PLENTY OF WATER TO DILUTE.

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 APPARATUS AND FULL FIRE-FIGHTING TURNOUT GEAR.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8.
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.
RESPIRATORY: USE IN WELL-VENTILATED AREAS.
SKIN CONTACT: DERMAL SENSITIVE INDIVIDUALS SHOULD USE PROTECTIVE GLOVES.
GENERAL HYGIENE CONSIDERATIONS: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: WHITE POWDER
ODOR: MILD
ODOR THRESHOLD (PPM): MILD
PH: NA
FREEZING POINT: NA
BOILING POINT: NA
FLASHPOINT: NOT APPLICABLE
EVAPORATION RATE: NA
FLAMMABILITY: NOT APPLICABLE

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EXPLOSIVE LIMITS (mmHg): NOT APPLICABLE
VAPOR DENSITY: NOT APPLICABLE
RELATIVE DENSITY: NOT APPLICABLE
SOLUBILITY: 100%
PARTITION COEFFICIENT: N-OCTANOL/WATER: NOT AVAILABLE
AUTO-IGNITION TEMPERATURE: NOT APPLICABLE
DECOMPOSITION TEMPERATURE: NOT APPLICABLE
VISCOSITY: NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS 70 DEG. F (21 DEG C) AND 14.7 PSIG (760 MMHG).
REACTIVITY: NON-REACTIVE.
CONDITIONS TO AVOID: NONE KNOWN
INCOMPATIBLE MATERIALS: NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: NORMAL PRODUCTS OF COMBUSTION – CO, CO2.
POSSIBILITY OF HAZARDOUS REACTIONS: NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

EFFECTS OF EXPOSURE: NOT EXPECTED TO BE HAZARDOUS UNDER TYPICAL USE CONDITIONS.
ACCUTE TOXICITY: ORAL LD50 (RAT): >5 G/KG BODY WEIGHT
DERMAL LD50 (RABBIT): >5 G/KG BODY WEIGHT
CALCULATED VIA OECD HARMONIZED INTEGRATED CLASSIFICATION SYSTEM FOR HUMAN HEALTH AND ENVIRONMENTAL HAZARDOUS OF CHEMICAL SUBSTANCES AND MIXTURES.
EYES: MINIMAL IRRITANT PER OCULAR IRRITATION (R*) ASSAY MODELING. NO ANIMAL TESTING PERFORMED.
SKIN: NON-IRRITANT PER DERMAL IRRITATION (R*) ASSAY MODELING. NO ANIMAL TESTING PERFORMED.

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: LOW, BASED ON OECD 201, 202, 203 +MICROTOX: EC50 & IC50 >=100 MG/L.
TERRESTRIAL TOXICITY: LOW BASED ON TOXICOLOGY PROFILE.
PERSISTENCE AND DEGRADABILITY: READILY BIODEGRADABLE PER OECD 301D, CLOSED BOTTLE TEST.
MOBILITY: NO DATA AVAILABLE.
BIOACCUMULATION: NOT APPLICABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD FOR DISPOSAL: UNUSED PRODUCT *DILUTE WITH WATER AND DISPOSE BY SANITARY SEWER.
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.

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*DISPOSE OF USED OR UNUSED PRODUCT, AND EMPTY CONTAINERS IN ACCORDANCE WITH THE LOCAL, STATE, PROVINCIAL, AND FEDERAL REGULATIONS FOR YOUR LOCATION. NEVER DISPOSE OF USED DEGREASING RINSATES INTO LAKES, STREAMS, AND OPEN BODIES OF WATER OR STORM DRAINS.

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: 0

FLAMMABILITY: 0

REACTIVITY: 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.