

# HYDROSORB™ Inc.

## MATERIAL SAFETY DATA SHEET

HYDROSORB™ Inc.  
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ORANGE, CA 92867  
714/771-6040

EMERGENCY: 949/582-3100

PRODUCT: **SOILFLOC® 100D**

CHEMICAL NAME: ANIONIC WATER SOLUBLE POLYMER

FORMULA: PROPRIETARY

REV. JULY 2004

### HAZARDS IDENTIFICATION

PRODUCT THAT BECOMES WET OR AQUEOUS SOLUTIONS RENDER SURFACES EXTREMELY SLIPPERY

### FIRST AID MEASURES

INHALATION:	MOVE TO FRESH AIR
SKIN:	FLUSH WITH PLENTY OF SOAP & WATER. IN CASE OF PERSISTENT IRRITATION CONSULT A PHYSICIAN.
EYES:	RINSE THOROUGHLY WITH PLENTY OF WATER, INCLUDING UNDER THE EYELIDS. IN CASE OF PERSISTENT IRRITATION CONSULT A PHYSICIAN.
INGESTION:	PRODUCT NOT CONSIDERED TOXIC BASED ON STUDIES ON LABORATORY ANIMALS.

### FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	WATER, WATER SPRAY, FOAM, CARBON DIOXIDE, DRY POWDER
SPECIAL FIREFIGHTING PRECAUTIONS:	AQUEOUS SOLUTIONS OR PRODUCT THAT BECOMES WET RENDER SURFACES EXTREMELY SLIPPERY
PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED

### ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	NO SPECIAL PRECAUTIONS REQUIRED
ENVIRONMENTAL PRECAUTIONS:	DO NOT CONTAMINATE WATER
METHODS FOR CLEANING UP:	<b>DO NOT FLUSH WITH WATER.</b> CLEAN UP PROMPTLY BY SCOOP OR VACUUM. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL. <b>AFTER CLEANING, FLUSH AWAY TRACES WITH WATER.</b>

## HANDLING & STORAGE

HANDLING:	AVOID CONTACT WITH EYES OR SKIN. AVOID DUST FORMATION. DO NOT BREATHE DUST. USE NORMAL PERSONAL HYGIENE & HOUSEKEEPING.
STORAGE:	STORE IN A COOL, DRY PLACE (0-35°C)

## EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	USE LOCAL EXHAUST IF DUSTING OCCURS. NATURAL VENTILATION IS ADEQUATE IN ABSENCE OF DUST.
PERSONAL PROTECTION EQUIPMENT	
RESPIRATORY PROTECTION:	DUST SAFETY MASKS ARE RECOMMENDED WHERE CONCENTRATION OF TOTAL DUST IS MORE THAN 10 mg/m <sup>3</sup>
HAND PROTECTION:	RUBBER GLOVES
EYE PROTECTION:	SAFETY GLASSES WITH SIDE SHIELDS. DO NOT WEAR CONTACT LENSES.
SKIN PROTECTION:	CHEMICAL RESISTANT APRON OR PROTECTIVE SUIT IF SPLASHING OR CONTACT WITH SOLUTION IS LIKELY
HYGIENE MEASURES:	WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

## PHYSICAL CHARACTERISTICS

APPEARANCE:	WHITE GRANULAR SOLID
ODOR:	NONE
MELTING POINT:	N/A
pH:	8.0
BULK DENSITY:	0.80
VISCOSITY:	1200 (5 g/l solution)
FLASH POINT:	N/A
AUTOIGNITION TEMPERATURE:	N/A
VAPOR PRESSURE:	N/A
WATER SOLUBILITY:	READILY SOLUBLE

## STABILITY & REACTIVITY

STABILITY:	STABLE
CONDITIONS TO AVOID:	OXIDIZING AGENTS MAY CAUSE EXOTHERMIC REACTIONS
HAZARDOUS DECOMPOSITION PRODUCTS:	THERMAL DECOMPOSITION MAY PRODUCE CARBON OXIDES, NITROGEN OXIDES

## TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

ORAL:	LD50/ORAL/RAT >5000 mg/kg
DERMAL:	THE RESULTS OF TESTING ON RABBITS SHOWED THIS MATERIAL TO BE NON-TOXIC EVEN AT HIGH DOSE LEVELS
INHALATION:	PRODUCT IS NOT EXPECTED TO BE TOXIC BY INHALATION
IRRITATION	
SKIN:	THE RESULTS OF TESTING ON RABBITS SHOWED THIS MATERIAL TO BE NON-IRRITATING TO THE SKIN
EYES:	TESTING CONDUCTED ACCORDING TO THE DRAIZE TECHNIQUE SHOWED THE MATERIAL TO PRODUCE NO CORNEAL OR IRIDIAL EFFECTS AND ONLY SLIGHT, TRANSITORY CONJUNCTIVAL EFFECTS
SENSITIZATION:	THE RESULTS OF TESTING ON GUINEA PIGS SHOWED THIS MATERIAL TO BE NON-SENSITIZING
CHRONIC TOXICITY:	A TWO-YEAR FEEDING STUDY ON RATS DID NOT REVEAL ADVERSE HEALTH EFFECTS; A TWO-YEAR FEEDING STUDY ON DOGS DID NOT REVEAL ADVERSE HEALTH EFFECTS

## ECOLOGICAL INFORMATION

FISH:	LC50/DANIO RERIO/96hr >100 mg/l (OECD 203) (BASED ON RESULTS OBTAINED FROM TESTS OF ANALOGOUS PRODUCTS)
ALGAE:	IC50/SCENEDESMUS SUBSPICATUS/72hr >100 mg/l (OECD 201) (BASED ON RESULTS OBTAINED FROM TESTS OF ANALOGOUS PRODUCTS)
DAPHNIA:	EC50/DAPHNIA MAGNA/48hr >100 mg/l (OECD 202) (BASED ON RESULTS OBTAINED FROM TESTS OF ANALOGOUS PRODUCTS)
ENVIRONMENTAL FATE:	Log P <sub>ow</sub> = 0
BIOACCUMULATION:	DOES NOT BIOACCUMULATE
PERSISTENCE/DEGRADABILITY:	NOT READILY BIODEGRADABLE

## DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUE/UNUSED PRODUCT:	DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
CONTAMINATED PACKAGING:	RINSE EMPTY CONTAINERS WITH WATER AND USE THE RINSE WATER TO PREPARE THE WORKING SOLUTION. CAN BE LANDFILLED OR INCINERATED, WHEN IN COMPLIANCE WITH LOCAL REGULATIONS.

## TRANSPORT INFORMATION

TRANSPORT: NOT REGULATED BY DOT

## REGULATORY INFORMATION

TSCA/DSL INVENTORIES:	ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA AND DSL INVENTORIES
RCRA STATUS:	NOT A HAZARDOUS WASTE
HAZARDOUS WASTE NUMBER:	N/A
REPORTABLE QUANTITY (40 CFR 302):	N/A
THRESHOLD PLANNING QUANTITY (40 CFR 355) :	N/A
CALIFORNIA PROPOSITION 65:	THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: RESIDUAL ACRYLAMIDE

## HMIS & NFPA RATINGS

	HMIS	NFPA	
HEALTH	1	1	0 : INSIGNIFICANT
FLAMMABILITY	1	1	1 : SLIGHT
REACTIVITY	0	0	2 : MODERATE
			3 : HIGH
			4 : EXTREME

## OTHER INFORMATION

PERSON TO CONTACT: REGULATORY AFFAIRS MANAGER

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