



MATERIAL SAFETY DATA SHEET

HYDROSORB™ Inc.
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EMERGENCY: 949/689-4908

PRODUCT: **SOILFLOC® 30EVT TABLETS**

CHEMICAL NAME: ANIONIC WATER SOLUBLE POLYMER

FORMULA: PROPRIETARY

REV. JULY 2002

INGREDIENTS COMPOSITION AND INFORMATION

ANIONIC WATER-SOLUBLE POLYMER

REGULATED COMPONENTS
CITRIC ACID

CLASSIFICATION
Xi, R36

CAS#
77 92 9

WEIGHT%
>20

HAZARDS IDENTIFICATION

IRRITATING TO EYES. PRODUCT THAT BECOMES WET OR AQUEOUS SOLUTIONS RENDER SURFACES EXTREMELY SLIPPERY.

FIRST AID MEASURES

INHALATION:	NO HAZARDS WHICH REQUIRE SPECIAL FIRST-AID MEASURES
SKIN:	NO HAZARDS WHICH REQUIRE SPECIAL FIRST-AID MEASURES. WASH WITH SOAP & WATER AS A PRECAUTION. IN CASE OF PERSISTENT SKIN IRRITATION CONSULT A PHYSICIAN.
EYES:	RINSE THOROUGHLY WITH PLENTY OF WATER, INCLUDING UNDER THE EYELIDS. IN CASE OF PERSISTENT EYE IRRITATION CONSULT A PHYSICIAN.
INGESTION:	NO HAZARDS WHICH REQUIRE SPECIAL FIRST-AID MEASURES

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
SPECIAL 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:	DO NOT FLUSH WITH WATER. CLEAN UP PROMPTLY BY SCOOP OR VACUUM. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL. AFTER CLEANING, FLUSH AWAY TRACES WITH WATER.

HANDLING & STORAGE

HANDLING:	AVOID CONTACT WITH EYES AND SKIN. AVOID DUST FORMATION. DO NOT BREATHE DUST. WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY.
STORAGE:	STORE IN A COOL, DRY PLACE (0-35°C)

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES TO REDUCE EXPOSURE:	NO SPECIAL TECHNICAL PROTECTIVE MEASURES REQUIRED.
PERSONAL PROTECTION EQUIPMENT	
RESPIRATORY PROTECTION:	NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED
HAND PROTECTION:	RUBBER GLOVES
EYE PROTECTION:	SAFETY GLASSES WITH SIDE SHIELDS
SKIN PROTECTION:	NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED
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 TABLET
ODOR:	NONE
pH:	4-9 (5 g/l)
BULK DENSITY:	1.5
WATER SOLUBILITY:	COMPLETELY SOLUBLE
MELTING POINT:	N/A
FLASH POINT:	N/A
AUTOIGNITION TEMPERATURE:	N/A

STABILITY & REACTIVITY

STABILITY:	STABLE; NO HAZARDOUS POLYMERIZATION WILL OCCUR
CONDITIONS TO AVOID:	OXIDIZING AGENTS MAY CAUSE EXOTHERMIC REACTIONS
HAZARDOUS DECOMPOSITION PRODUCTS:	THERMAL DECOMPOSITION MAY PRODUCE CARBON OXIDES, NITROGEN OXIDES (NO _x)

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL:	BASED ON STUDIES ON SIMILAR PRODUCTS, MATERIAL IS NOT EXPECTED TO BE TOXIC
DERMAL:	BASED ON STUDIES ON SIMILAR PRODUCTS, MATERIAL IS NOT EXPECTED TO BE TOXIC
INHALATION:	BASED ON STUDIES ON SIMILAR PRODUCTS, MATERIAL IS NOT EXPECTED TO BE TOXIC

IRRITATION

SKIN:	BY ANALOGY WITH SIMILAR PRODUCTS, PRODUCT IS NOT EXPECTED TO BE IRRITATING
EYES:	IRRITATING TO EYES
SENSITIZATION:	BY ANALOGY WITH SIMILAR PRODUCTS, PRODUCT IS NOT EXPECTED TO BE SENSITIZING
CHRONIC TOXICITY:	BY ANALOGY WITH SIMILAR PRODUCTS, PRODUCT IS NOT EXPECTED TO DEMONSTRATE CHRONIC TOXIC EFFECTS

ECOLOGICAL INFORMATION

ACUTE AQUATIC TOXICITY

FISH:	LC50/DANIO RERIO/96hr >100 mg/l (OECD 203) (BASED ON THE TOXICITY OF THE COMPONENTS USING THE CONVENTIONAL METHOD)
ALGAE:	IC50/SCENEDESMUS SUBSPICATUS/72hr >100 mg/l (OECD 201) (BASED ON THE TOXICITY OF THE COMPONENTS USING THE CONVENTIONAL METHOD)
DAPHNIA:	EC50/DAPHNIA MAGNA/48hr >100 mg/l (OECD 202) (BASED ON THE TOXICITY OF THE COMPONENTS USING THE CONVENTIONAL METHOD)

ENVIRONMENTAL FATE

HYDROLYSIS:	DOES NOT HYDROLYSE
BIODEGRADATION:	NOT READILY BIODEGRADABLE
LogP _{ow} :	0
BIOACCUMULATION:	DOES NOT BIOACCUMULATE

DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUE/UNUSED PRODUCT:	DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL 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; NOT CLASSIFIED AS DANGEROUS

REGULATORY INFORMATION

SYMBOL(S): Xi – IRRITANT

R-PHRASE(S): R36 – IRRITATING TO EYES

S-PHRASE(S): S26 – IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE

INVENTORY STATUS

EINECS (EUROPE): EXISTING POLYMER ACCORDING TO THE DEFINITION IN THE 7th AMENDMENT TO DIRECTIVE 67/548/EEC. ALL STARTING MATERIALS AND ADDITIVES ARE LISTED IN EINECS.

TSCA (USA): COMPLIES WITH ALL APPLICABLE RULES AND ORDERS UNDER TSCA

OTHER INFORMATION

FURTHER INFORMATION:

THIS MSDS WAS PREPARED IN ACCORDANCE WITH THE FOLLOWING:

COUNCIL DIRECTIVE 92/32/EEC OF 30 APRIL 1992 AMENDING FOR THE SEVENTH TIME DIRECTIVE 67/548/EEC ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES AND ALL SUBSEQUENT ADAPTATIONS TO TECHNICAL PROGRESS.

DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 31 MAY 1999 CONCERNING THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS.

COMMISSION DIRECTIVE 2001/58/EC OF 27 JULY 2001 AMENDING FOR THE SECOND TIME DIRECTIVE 91/155/EEC DEFINING AND LAYING DOWN THE DETAILED ARRANGEMENTS FOR THE SYSTEM OF SPECIFIC INFORMATION RELATING TO DANGEROUS PREPARATIONS IN IMPLEMENTATION OF ARTICLE 14 OF EUROPEAN PARLIAMENT AND COUNCIL DIRECTIVE 1999/45/EC AND RELATING TO DANGEROUS SUBSTANCES IN IMPLEMENTATION OF ARTICLE 27 OF COUNCIL DIRECTIVE 67/548/EEC (SAFETY DATA SHEETS).

ISO 11014-1: MATERIAL SAFETY DATA SHEET FOR CHEMICAL PRODUCTS

PERSON TO CONTACT: REGULATORY AFFAIRS MANAGER

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