

## MATERIAL SAFETY DATA SHEET

### SECTION 1. PRODUCT INFORMATION

PRODUCT NAME: ADI-CON SP 100  
MANUFACTURER: GEMITE PRODUCTS INC.  
ADDRESS: 1787 DREW RD. MISSISSAUGA ONT. L5S 1J5  
EMERGENCY PHONE: US 888-443-6483 Canada 905-672-2020  
SYNONYMS: SODIUM SALT OF NAPHTHALENE SULFONATE POLYMERIZED WITH FORMALDEHYDE. SODIUM SALT OF CONDENSED NAPHTHALENE SULFONIC ACID. SODIUM SALT OF POLY-NAPHTHALENE SULFONIC ACID.  
APPEARANCE AND ODOUR: BROWN, FREE-FLOWING POWDER.  
USES: DISPERSANT, SUPER-PLASTICIZER.

### SECTION 2. INGREDIENTS

NAME	CAS #	LD <sub>50</sub>	LC	CONCENTRATION
SODIUM SALT OF POLY NAPHTHALENE SULFONIC ACID	36290-04-7	>1800 mg/kg (oral-rat)	N.D	85-95%

### SECTION 3. PHYSICAL DATA

pH: 7.0-9.0 (10% solution)  
VAPOUR DENSITY (air=1): N.A.  
DENSITY: approx. 0.67 g/cm<sup>3</sup>  
VAPOUR PRESSURE: N.A.  
BOILING POINT: N.A.  
EVAPORATION RATE: N.A.  
FREEZING POINT: N.A.  
ODOUR THRESHOLD: N.A.  
WATER SOLUBILITY: COMPLETELY SOLUBLE  
% VOLATILE (by weight): 5-15%  
PARTITION COEF. (n-octanol/water): N.A.

### SECTION 4. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  
INCOMBUSTIBLE EXPLOSION DATA: N.A.  
HIGHER FLAMMABLE LIMIT: N.A.  
AUTO-IGNITION TEMP.: N.A.  
HAZARDOUS COMBUSTION PRODUCTS: N.A.  
NFPA FIRE CODE: 0  
LOWER FLAMMABLE LIMIT: N.A.  
FLASH POINT: N.A.

### SECTION 5. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE  
INCOMPATIBILITY: N.A.  
CONDITIONS OF REACTIVITY: EXTREMELY HIGH TEMPERATURE (thermal decomposition)  
HAZARDOUS POLYMERIZATION: N.A.

HAZARDOUS DECOMPOSITION:

AT VERY HIGH TEMPERATURES, CARBON  
OXIDES AND SULFUR OXIDES

## SECTION 6. FIRST AID MEASURES

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES  
SKIN CONTACT: WASH EXPOSED AREAS WITH SOAP AND WATER  
INHALATION: MOVE PERSON TO FRESH AIR AND SEEK MEDICAL ATTENTION  
INGESTION: IF VICTIM IS CONCIIOUS, INDUCE VOMITING. GIVE A LARGE  
QUANTITY OF WATER. GET MEDICAL ATTENTION.

## SECTION 7. TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: EYES, MOUTH, SKIN  
SKIN CONTACT: IRRITATING TO SKIN UPON REPEATED OF PROLONGED CONTACT  
EYE CONTACT: SLIGHT IRRITATION TO EYES  
INHALATION: VAPOUR OR MIST CAN CAUSE HEADACHE, NAUSEA  
AND IRRITATION OF THE NOSE, THROAT AND LUNGS  
INGESTION: THE PRODUCT IS MODERATELY TOXIC IF INGESTED  
(LD50(oral-rat):>1800 mg/kg).  
CHRONIC TOXICITY: PROLONGED OR REPEATED SKIN CONTACTS CAN CAUSE  
IRRITATION

EXPOSURE LIMITS:	ACGIH (TLV)		OSHA (PEL)	
	TWA	STEL	TWA	STEL
SODIUM SALT OF POLY NAPHTHALENE SULFONIC ACID	N.D	N.D	N.D	N.D

CARCINOGENICITY / MUTAGENICITY / TERATOGENICITY: DOES NOT CONTAIN ANY  
CARCINOGENS OR POTENTIAL CARCINOGENS (IARC, NTP, OSHA)

## SECTION 8. PREVENTATIVE MEASURES

PERSONAL PROTECTION: WEAR A DUST RESPIRATOR. WHERE SPLASHES OF THE PRODUCT  
(LIQUID SOLUTION) MAY OCCUR, WEAR GOGGLES AND/OR FACE  
SHIELD AND IMPERVIOUS GLOVES.  
HANDLING METHODS: HANDLE THE SOLUTION PRODUCT IN CONTAINERS, PIPING AND  
PUMPS MADE OF STAINLESS STEEL, FIBREGLASS OR PLASTIC.  
GALVANIZED STEEL MAY BE USED FOR PIPING. AVOID  
PROLONGED OR REPEATED SKIN CONTACTS.  
STORAGE REQUIREMENTS: STORE THE MATERIAL IN A COOL, DRY PLACE. KEEP  
CONTAINER TIGHTLY CLOSED.  
SPILL, LEAK, DISPOSAL PROCEDURES: SWEEP THE AREA AND TRANSFER THE  
MATERIAL INTO CONTAINERS FOR DISPOSAL. RECYCLE IF  
POSSIBLE. DISPOSE OF WASTE IN ACCORDANCE WITH FEDERAL,  
PROVINCIAL/STATE OR LOCAL REGULATIONS.

## SECTION 9. REGULATORY INFORMATION

TRANSPORT INFORMATION:  
IDENTIFICATION NUMBER: N.A.  
CLASSIFICATION: N.A.  
WHMIS CLASSIFICATION: D2, IRRITANT MATERIAL  
USA REGULATIONS: NO INGREDIENT OF THIS PRODUCT IS SUBJECT TO THE  
REPORTING REQUIREMENTS OF SECTION 313 OF TITLE  
III OF THE "SUPERFUND AMENDMENT AND  
REAUTHORIZATION ACT II (SARA)" OF 1986 AND 40 CFR  
PART 372 OF UNITED STATES.

**SECTION 10. OTHER INFORMATION**

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N.A.: NOT APPLICABLE

N.D.: NOT DETERMINED