

MATERIAL SAFETY DATA SHEET


NATRO-TAR™ 588

Date Revised: June 22, 2000

Page 1 of 4

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Natro-Tar 588
CHEMICAL NAME: Pine Tar

Company:  NATROCHEM, INC.
P.O. Box 1205
Savannah, GA 31402-1205

HMIS RATING	
Health	1
Flammability	0
Reactivity	0

Telephone Numbers:

Transportation Emergencies:

CHEMTREC (U.S.A.): (800) 424-9300 (24 hours)

CHEMTREC (International): (202) 483-7616 (24 hours, call collect)

Product Information: (912) 236-4464 (EST, 8:00AM – 4:00PM M-F)

SECTION II - HAZARDOUS INGREDIENTS

The component(s) listed below is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

INGREDIENT	CAS #	ACGIH (TLV)	OSHA (PEL)	UNITS
Non-hazardous				

SECTION III - PHYSICAL DATA

Boiling Point: 150 - 400°C

Specific Gravity: 1.010 - 1.060

Vapor Pressure (mm Hg): N/DA

Percent Volatiles: N/DA

Vapor Density (Air = 1): N/DA

Evaporation Rate: N/DA

Solubility in Water: None.

Appearance and Odor: Dark brown liquid with a characteristic odor and sharp taste.

SECTION IV - FIRE & EXPLOSION DATA

FLASH POINT (Method Used): 120°C

FLAMMABLE LIMITS: N/DA

AUTOIGNITION TEMPERATURE: N/DA

EXTINGUISHING MEDIA: Dry chemical, CO₂, foam, water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Do not add water directly.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION V - HEALTH HAZARD DATA

CHRONIC HEALTH EFFECTS: Contains small amounts of hydrocarbons. According to the Chemical Inspection in Stockholm, wood tar is not to be regarded as mutagen.

PRIMARY ROUTE OF ENTRY- Skin & inhalation.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: None.

NTP: No IARC: No OSHA: No

SECTION V - HEALTH HAZARD DATA (cont)

EFFECTS OF EXPOSURE-

EYES- May cause irritation by eye splash.

SKIN- May cause irritation by prolonged or repeated skin contact.

INHALATION- May cause irritation.

INGESTION- N/DA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE- None Known.

SECTION VI - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately rinse with clean water for 15 minutes. Retract eyelids often. If irritation persists, seek medical attention.

SKIN CONTACT: Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. Seek medical attention if ill effect or irritation develops.

INHALATION: If overcome by exposure, remove victim to fresh air.

INGESTION: N/DA

SECTION VII - REACTIVITY DATA

STABILITY: Stable.

MATERIALS TO AVOID- None.

CONDITIONS TO AVOID- Direct flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: MINIMIZE SPILL AREA. Impound and recover for large land spill; Report per regulatory requirements.

WASTE DISPOSAL METHOD: In accordance with local, state, and federal regulations.

SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required in normal use.

VENTILATION: The sum total of all ingredients may emit vapors during normal processing. All possible health effects are not known and individual sensitivities will vary. Effective exhaust ventilation should always be provided to draw fumes and vapors away from workers to prevent routine inhalation. Ventilation should be adequate to maintain the ambient workplace atmosphere below the limits listed in Section II.

SECTION IX - SPECIAL PROTECTION INFORMATION (continued)

PROTECTIVE GLOVES: Impervious gloves to protect against contact with product.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Protective clothing, eye wash station, safety shower.

SECTION X - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store in a cool, dry place away from direct flames.

OTHER PRECAUTIONS: Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse.

SECTION XI - ENVIRONMENTAL INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

CAS REGISTRY #	CHEMICAL NAME	PERCENT BY WEIGHT
----------------	---------------	-------------------

NONE.

This information must be included in all MSDS' that are copied and distributed for this material.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102):

No RQ for product or any constituent greater than 1% or 0.1% (carcinogen).

Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-313):

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312):

NONE.

The components of this product are included on the TSCA Chemical Substance Inventory.

TRANSPORTATION: Not regulated.

SECTION XII - OTHER INFORMATION

Revision Note: Added CHEMTREC information.

Prepared by: James L. Pye, Jr.

Title: Safety Coordinator

N/A = Not applicable N/D = Not determined N/DA = No Data Available
N/E = Not established

The information given in this MSDS was obtained from sources which we believe are reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, Natrochem, Inc. makes no warranty express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.